



The Official Journal of the Foundation For Amateur Radio, Inc.

DECEMBER 1995



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Public Service Report • DX Column • Regional Hamfests
Club Reports • Shack Sales • Much More!**



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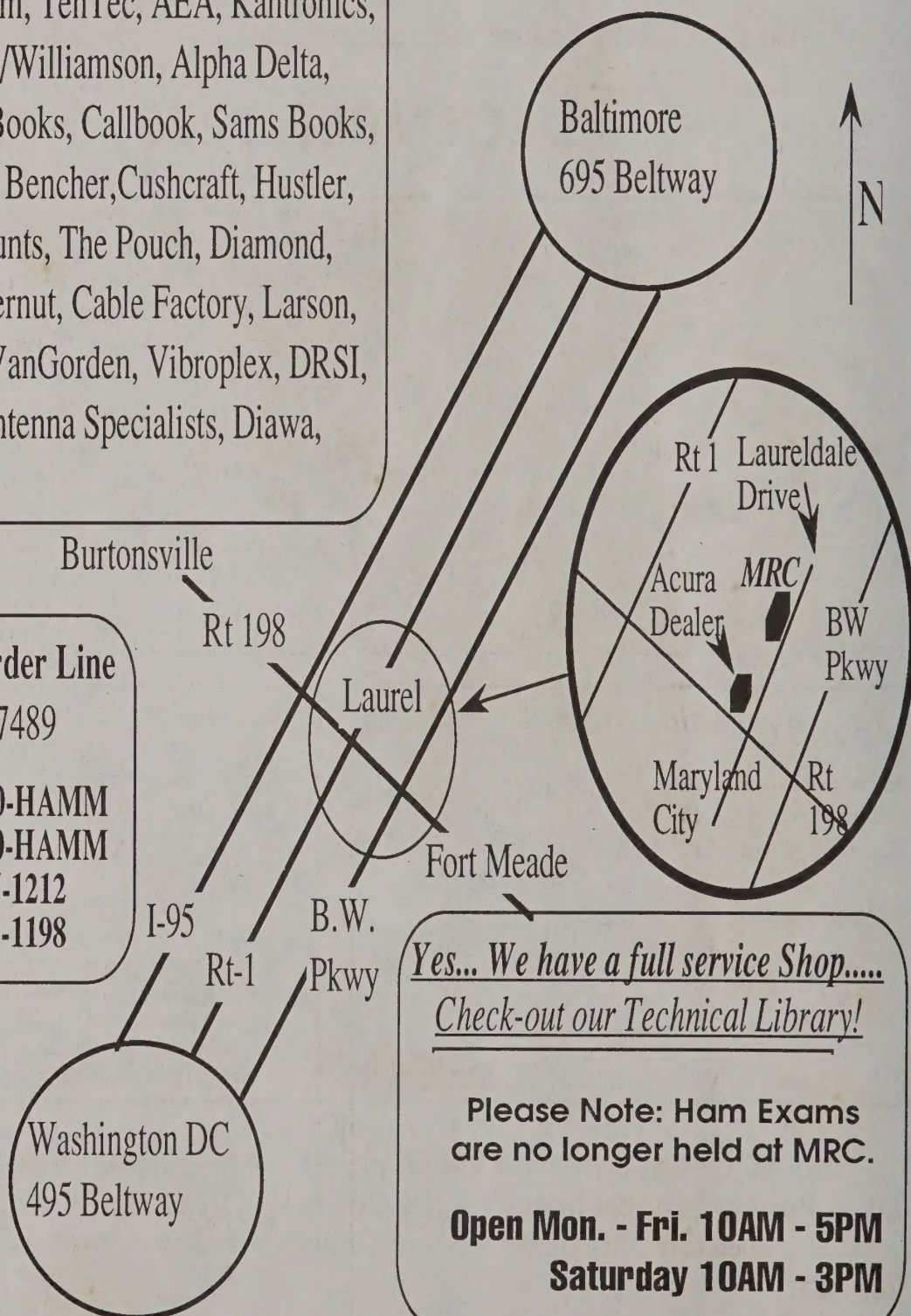
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Regional Hamfests and Other Events

December 2	15th Hamfest & Computer Show, Greensboro, NC
December 2	Hamfest, Okeechobee, FL
December 3	Central Atlantic ATV Network, Wilmington, DE
December 9	1st Annual Hamfest, Lake City, FL
January 6/7	City of Palms Hamfest, Ft. Myers, FL
January 13/14	17th Annual Hamfest & Computer Show, Sarasota, FL
January 13	Skyline ARC - Marathon, NY
January 13	Harrisburg RAC - Oberlin, PA
January 20	16th Citrus County Hamfest/Computer Show, Crystal River, FL
January 21	Hamferst, Pinellas Park, FL
January 21	Frostfest '96, The Showplace, Richmond, VA
January 24	Baltimore ARC "It's Free" Mini-Fest - Timonium, MD
January 28	Post Holiday Swapfest and Fleamarket, Odenton, MD
February 3/4	Tropical Hamboree, Miami, FL
February 10	Hamfest, Charleston, SC
February 10	Hamfest, Pensacola, FL
February 10	Hamfest, Arcadia, FL
February 11	Chestnut Ridge ARC - Latrobe, PA
February 16/18	Hamfest, Orlando, FL
March 17	Two Rivers ARC
March 17	Keystone VHF Club - York, PA
March 24	Delaware Valley RA - NJ
March 30/31	Baltimore ARC - Timonium, MD
April 13	Appalachian ARG - Fredericksburg, PA
April 21	Penn-Del RC - New Castle, DE
April 27	Liverpool ARC - Syracuse, NY
May 5	Warminster ARC - Wrightstown, PA
May 31 - June 1	Rochester Hamfest - Rochester, NY
June 9	Central PA - Winfield, PA
July 4	Harrisburg RAC - Bressler, PA



(Photo by Barbara White, N3OBU)

On The Cover

Pictured on this month's cover of *Auto Call*, is Bob Israel, WC3I, clowning around with Santa (NØEL perhaps?) at last year's Christmas Party for the Anne Arundel Radio Club. Bob is very active in amateur radio, serving as past President of AARC for two years, and is currently on the Board of Directors of AARC. Additionally, Bob is a VE and is very active in conducting testing sessions at the Anne Arundel Radio Club.

Editor's Corner



By John Queen
KAØSEY

'Twas the night before Christmas, when all through the shack, not a PC was stirring, not even my Mac;

QSL's were hung on the wall with great care, in hopes that the DX one soon would be there;

The Icom's were nested all snug in their beds, While visions of rag chevs danced in their heads;

And Kathy and I holling tight to our Bencher, had just settled down for a night of adventure;

When up on the yag there arose such a clatter, I sprang out of bed to sarch out the matter.

When, what to my wondering eyes should appear, but submissions for *Auto Call* for all of next year.

Club columns were spell checked and grammerically prime, and each of them, all of them, were there right on time!

More rapid than packet at high speed they came, and I whistled, and shouted, and called them by name;

"Now, Frederick! now, Fauquier! now, Laurel and T-MARC! On, Woodbridge! on Greenbelt! on, Sterling and BARC!

And into my PC they all did each fall, now dash away! dash away! dit away all!

The magic was awesome, the timing was right, twelve issues of *Auto Call* was produced on that night.

They came faster than lightning, and filled up the floor, thousands of papers and thousands yet more.

And then, in a twinkling, I heard down the street, the prancing and pawing of somebody's feet.

As I gazed at the issues, and was turning around, down the chimney St. Nicholas came with a bound.

He was dressed all in fur, from his head to his feet, and the dots and the dashes on his clothes were quite neat.

His eyes — how they twinkled! His dimples how merry! His cheeks were like roses, his nose like a cherry!

With a wink in his eye and a bag on his back, he inspected the gear that I had in my shack.

He looked at the magazines strewn all about, and with a "ho" and a "ho" he let out a shout;

"I'll deliver the *Auto Calls* for you on this night, to all of the hams 'round the Washington site."

With a wink of his eye and another wink more, he gathered the *Auto Calls* up from the floor.

He pulled from his bag address labels with glee, and applied every one to the backs carefully.

He spoke not a word, but went straight to his chore, and filled up ten mail bags; then filled up ten more.

And after giving a nod, and a 'seventy-three', up the chimney he rose, to his sleigh did he flee.

He sprang to his sleigh, *Auto Calls* at his side, and he pulled out an area map as a guide.

But I heard him exclaim, as he drove out of sight, "MERRY CHRISTMAS TO ALL, AND TO ALL A GOOD-NIGHT."

Seasons greetings and best holiday wishes to all subscribers and readers of *Auto Call*...

73's, de KAØSEY, John

The Foundation For Amateur Radio, Inc



Washington, DC

MEMBER CLUBS

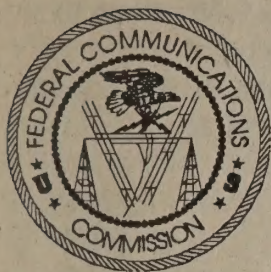
Adams County Amateur Radio Society
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Amateur Radio Research and Develop. Corp.
AMSAT - Radio Amateur Satellite Corporation
Anne Arundel Radio Club
Antietam Radio Association, Inc.
ARINC Amateur Radio Club
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Baltimore Radio Amateur Television Society
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Capital Hill Amateur Radio Society
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Central Maryland Amateur Radio Club
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Columbia Amateur Radio Association
Culpeper Amateur Radio Association
D-MARC - Digital Mid-Atlantic Radio Council
Department of State Amateur Radio Club
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Laurel Amateur Radio Club
Leisure World Amateur Radio Club
Loudoun Amateur Radio Group
MD/DC MARS (Navy Marine) Association
MADRAS
Maryland Emergency Phone Net
Maryland FM Association
Maryland Mobileers Amateur Radio Club
Mercury Amateur Radio Assn., NE Area
Metropolitan Communications Network
Metrovision Amateur TV Club
Mid-Atlantic DX & Repeater Assn.

Montgomery Amateur Radio Club
Montgomery Auxiliary Communications Service
Moose Amateur Radio Club
Mount Vernon Amateur Radio Club
National Capitol DX Association
Naval Research Laboratory Radio Club
NOAA Amateur Radio Club
North Point FM Association
Northern Virginia FM Association
Northern Virginia Radio Club
Ole Virginia Hams Amateur Radio Club
Opequon Radio Society
Pentagon Amateur Radio Club
Potomac Area VHF Society
Potomac Valley Radio Club
Prince George's Wireless Association, Inc.
Prince George's County ARES/RACES
Quarter Century Wireless Association, Inc.
 Baltimore Chapter #20
 Del-Mar-VA Chapter #150
 Shenandoah Valley Chapter #137
 Vic Clark Chapter #91
 Washington Chapter #23
Rock Creek Amateur Radio Association
St. Mary's County Amateur Radio Association
Shenandoah Valley Amateur Radio Club
Southern Maryland Amateur Radio Club
Southern Patuxent Amateur Radio Club
Stafford Amateur Radio Assn.
Sterling Park Amateur Radio Club
Summit Amateur Radio Association
Tri-County Amateur Radio Club
T-MARC, Middle Atlantic Repeater Council
Vienna Wireless Society
Voice of America Amateur Radio Club
Waldorf Repeater Support Group
Washington Adventist Amateur Radio Assn.
Washington Area Young Ladies ARC
Woodbridge Wireless, Inc.

NEXT FOUNDATION MEETING

The Foundation for Amateur Radio, Inc. meets at 8: p.m. on the second Wednesday of each month. **Visitors are always welcome!** The next meeting will be held on December 13th in Takoma Park, Maryland at Columbia Union College, HMS Richards Bldg., Flower Avenue (Take beltway exit 30, South on Colesville Road to Franklin Avenue, left on Franklin to Flower, right on Flower to Carroll Ave., left on Carroll to Greenwood Ave., left on Greenwood to 2nd building.

Talk-in on
146.55



FCC Highlights

By Jack Kelleher.
W4ZC

An FCC Forum was conducted by John Johnston, W3BE, (Special Assistant for Personal Radio Services, Private Wireless Division of the FCC's Wireless Telecommunications Bureau) during the QCWA Annual Convention at Manchester, New Hampshire. As expected, the major topic was the recent FCC Memorandum Opinion and Order on a Vanity Callsign System.

John's presentation of the Commission's findings was unique in its clarity, as is his custom. Here is his presentation, including typical questions and answers concerning the new Rules.

The Vanity Callsign System is for primary and club stations only. RACES and military recreation stations are not eligible.

Starting gates will implement the system in stages. A public notice will announce the opening of each gate.

Gate 1, A primary station licensee of any class operator may request the call sign previously shown on the license, or on the primary, secondary, repeater, auxiliary link, control, or space station license of a now-deceased close relative.

A club station licensee trustee of any class operator may request the call sign previously shown on the club station license.

Gate 1(A). A license trustee of a club station may request in memoriam the call sign previously shown on the station license of a deceased person who was a member of the club. The club must

have held a club station license grant on March 24, 1995. The requester must possess a letter from a close relative of the deceased confirming the deceased person's association with the club and show consent of the relative to the application.

Gate 2. An Amateur Extra Class operator may request a Group A, B, C, or D call sign for his or her primary station.

An amateur Extra Class operator may request, including request in memoriam, a Group A, B, C, or D call sign for the club station for which he or she is license trustee.

Gate 3. An Advanced Class operator may request a Group B, C, or D call sign for his or her primary station.

An Advanced Class operator may request, including request in memoriam, a Group B, C, or D call sign for the club station for which he or she is license trustee.

Gate 4. A General, Technician Plus, or Technician Class operator may request a Group C, or D call sign for his or her primary station.

A General, Technician Plus, or Technician Class operator may request, including request in memoriam, a Group C, or D call sign for the club station for which he or she is the license trustee.

A Novice Class operator may request a Group D call sign for his or her primary station.

A call sign is assignable two years following license expiration, surrender, revocation, set aside, cancellation, void ab initio, or death of the grantee. The exceptions are:

- Former holder - The two year requirement does not apply to an otherwise eligible primary station if the call sign was previously assigned to the primary, secondary, repeater, control, auxiliary link, or space station of the requester.

Continued next page

- Close relative of former holder now deceased - Upon the death of the holder, a call sign is assignable immediately to an otherwise eligible primary station of a close relative (the holders spouse, child, grandchild, stepchild, parent, grandparent, stepparent, brother, sister, stepbrother, stepsister, aunt, uncle, niece, nephew, or in-law).

- Request in memoriam - Upon the death of the holder, the call sign is assignable immediately to an otherwise eligible club station. The requester must possess a written statement from a close relative, as listed above, of the deceased showing consent of the relative to the request.

Call sign group eligibility is determined by the requester's class of operator license:

- Amateur Extra - Group A, B, C, or D.
- Advanced - Group B, C, or D.
- General - Group C or D.
- Technician Plus Class - Group C or D.
- Technician Class - Group C and D.
- Novice Class - Group D.

The only exception is:

- Former holder - The operator class requirement does not apply to an otherwise eligible primary station if the call sign was previously assigned to the primary, secondary, repeater, control, auxiliary link, or space station of the requester.

Requester's mailing address determines eligibility for call sign format and prefix:

- One of the contiguous 48 states - Regions 1-10.
 - Alaska - Regions 1-11
 - American Samoa - Regions 1-10 or a prefix in Region 13 having the numeral 8.
 - Commonwealth of Northern Mariana Islands - Regions 1-10 or a prefix in Region 13 having the numeral Ø.
 - Guam - Regions 1-10 or a prefix in Region 13 having the numeral 2.

- Hawaii - Regions 1-10 or a prefix in Region 13 having the numeral 6 or 7.

- Puerto Rico - Regions 1-10 or a prefix in Region 12 having numeral 3 or 4

- Virgin Islands - Regions 1-10 or a prefix in Region 12 having the numeral 2.

The exceptions are:

- Former Holder - The mailing address requirement does not apply to an otherwise eligible primary station if the call sign was previously assigned to the primary, secondary, repeater, control, auxiliary link, or space station of the requester.

- Close relative of a former holder now deceased - The mailing address requirement does not apply to an otherwise eligible primary station of a close relative, as listed above.

- Request in memoriam - The mailing address eligibility requirement does not apply in the case of an otherwise eligible club station for a vanity call sign requested in memoriam. The requester must possess a written statement from a close relative, as listed above, of the deceased showing consent of the relative to the request.

Typical questions, and answers.

Question: How soon is a call sign available?

Answer: A call sign is assignable two years following license expiration, surrender, revocation, set aside, cancellation, void ab initio, or death of the grantee.

Question: Exception for former holder?

Answer: YES. A call is assignable immediately to an otherwise eligible primary station if the call sign was previously assigned to the primary, secondary, repeater, control, auxiliary link, or space station of the requester.

Question: Exception for close relative of

former holder now deceased?

Answer: YES. Upon the death of the holder, a call sign is assignable immediately to an otherwise eligible primary station of a close relative (the holder's spouse, child, grandchild, stepchild, parent, grandparent, stepparent, brother, sister, stepbrother, stepsister, aunt, uncle, niece, nephew, or in-law).

Question: Exception for club station request in memoriam ?

Answer: YES. Upon the death of the holder, the call sign is assignable immediately to an otherwise eligible club station. The requester must possess a written statement from a close relative, as listed above, of the deceased showing consent of the relative to the request.

Question: What determines the call sign group?

Answer: Call sign group is determined by the requester's class of operator license. See Fact Sheet PR-5000 #206 Sequential Call Sign System for explanation of call sign group.

Question: Exception for former Holder?

Answer: YES. The operator class requirement does not apply to an otherwise eligible primary station if the call sign was previously assigned to the primary, secondary, repeater, control, auxiliary link, or space station of the requester.

Question: Exception for close relative of former holder now deceased?

Answer: NO.

Question: Exception for club station request in memoriam ?

Answer: NO.

Question: What determines call sign region (or area) in prefix?

Answer: Requesters mailing address determines eligibility for call sign format and prefix. See Fact Sheet PR-5000 #206 Sequential Call Sign System for explanations of call sign and prefix.

Question: Exception for former holder?

Answer: YES. The mailing address requirement does not apply to an otherwise eligible primary station if the call sign was previously assigned to the primary, secondary, repeater, control, auxiliary link, or space station of the requester.


Question: Exception for close relative of former holder now deceased.

Answer: YES. The mailing address requirement does not apply to an otherwise eligible primary station of a close relative, as listed above.


Question: Exception for club station Request in memoriam ?

Answer: YES. The mailing address eligibility requirement does not apply in the case of an otherwise eligible club station for a vanity call sign requested in memoriam. The requester must possess a written statement from a close relative, as listed above, of the deceased showing consent of the relative to the request.

Note: In the foregoing we have highlighted use of the phrase "otherwise eligible". In other words, read the text carefully. For example, a one-by-two or a two-by-one call would be available only to Extra class licensees unless an exception can be justified.



Reminder - all submissions for

AUTO  CALL

are due no later than
the 1st of the
month prior to the month of publication!!



American Radio Relay League Report

By John Swafford,
W4HU

The ARRL Report provides a brief summary of information published in the ARRL LETTER and other reports. The LETTER provides timely news of interest to active Radio Amateurs. Any League member may subscribe to the ARRL LETTER.

Joint Israel-Jordan operation makes history

By Joe Obstfeld, 4X6KJ/JY8KJ
Pres, the Israel Amateur Radio Club

Preliminary arrangements had been going on for a very short period of time. Everything was set and the final word would come from the Royal Palace in Amman, depending on His Majesty's (King Hussein, JY1) schedule. Word of the proposed date was transmitted by fax to Amir, 4X6TT, who made all the calls and arrangements.

On Wednesday evening, July 19, I received a call, saying that I was requested to join this operation, and that the team would leave on Monday, July 24. I asked just a few questions: who is going, where do we stay, what about a visa for Jordan, what about transportation, etc? The answer was simple, "It's all been taken care of; just come."

I was doubtful and couldn't believe it, until I phoned the Secretary of the Royal Jordanian Amateur Radio Society, Mohammed, JY4MB. I've been in regular contact with him, as we have met on many occasions at international conferences and

meetings, and have spent many hours planning and discussing joint cooperation between our two societies. He was pleased to tell me, "I'll see you in a few days here in Amman." He confirmed the entire plan, saying, "What are you worried about? Everything is taken care of."

"Just make sure that at 10 AM on Monday you're at Allenby crossing. Salaam—Shalom, see you on Monday!"

After checking my passport's validity, I dug up a small suitcase, prepared film and batteries for the picture and video cameras, and I was ready to go.

Monday, July 24, at precisely 7 AM, the rented minivan limousine set its wheels in motion and quickly passed through the heavy early morning Tel-Aviv area traffic, continuing on to Jericho in the Jordan Valley. The van was loaded to the brim with equipment for the mission as well as the operators: Ami, 4X4DK; Amir, 4X4TT; Moni, 4X6ZL' Dpv. 4Z4DX' Eua;. 4X4RE' and me.

All of us were fascinated with the speed and efficiency of the preliminary arrangements for this DXpedition. During the two-hour trip to the border, the team discussed what might await us.

At the Allenby bridge, the Jordan-Israel border crossing, everyone involved did his utmost to make our passage as fast and easy as possible. No wonder! The border officials had received advance notice of our intended operation by none other than the Royal Court in Amman, as we later found out. It was the first time ever that Israeli radio amateurs would cross the border to operate with Jordanian amateurs in their country.

Within 30 minutes of our arrival at the border, the gate opened and our minivan was allowed to bring our equipment to the other side. It was quickly transferred to one of the Jordanian vehicles awaiting us. After greeting Mohammed, JY4MY, who came especially to welcome us, and our escort, we made our way in a convoy of Royal Palace cars

to Amman, the capital of the Hashemite Kingdom of Jordan.

We checked into our hotel, and after a quick lunch made our way to the club-house of the Royal Jordanian Amateur Radio Society. We unpacked our equipment from the van and started to set up the different stations. Within an hour of our arrival, the first station, JY74X, was on the air. We were joined by our Jordanian friends and, as the day progressed, more transceivers were put into service on different bands and modes.

Early in the morning of Tuesday, July 25, the entire team assembled in the hotel lobby and our awaiting Royal car and escort took us to Mount Nebo, about 2600 feet above sea level and an hour's drive from Amman. As soon as we arrived we began operating. One by one the transmitters fired up on the air on SSB and CW. Frequently we had to change operators, because of the terrible heat that prevailed at the time in our tents. And the pileups were ear-shattering!

The next day, Wednesday, July 26, the program was the same as the day before, but the heat was worse. The high-light of the day was the appearance of His Majesty King Hussein, JY1, on the air on both HF and VHF. The excitement and enthusiasm increased as everyone on the team had a QSO with JY1 from his QTH in Amman. Afterward, the pileups doubled, the frenzy on HF went out of control, and His Majesty decided to QRT and maybe appear at a later hour and try again.

Later that day, around 5 PM, we were honored as His Majesty arrived in person at the Mount Nebo site. After introducing ourselves he went on the air, "This is JY74Z, JY1 at the microphone." A few QSOs were made, but it was almost impossible to pick out a call sign through the roar of the pileup.

Thursday, July 27, was scheduled to be the final day. During the morning hours our driver took us on a sightseeing tour of the city, after which we returned to "The Mountain: and continued again with the pileups.

At various times again on this day, His Majesty, JY1, came on the HF frequency and the frenzy on the bands resumed. As word spread that there would be a special QSL card for this occasion, the many amateurs tried to work the two stations on every band and mode possible.

On Friday we were summoned to the residence of His Highness Raad Bin Zeid, JY2RZ, the Chairman of the Royal Jordanian Amateur Radio Society, to officially and personally receive our Jordanian operating licenses.

On Saturday, July 29, we began to take the stations down for the return trip. At approximately midday, once more the frenzy peaked, as one more time His Majesty, JY1, came on the band from his Palace QTH in the southern city of Aqaba. Unfortunately, the HF propagation was very bad, and very few had a chance for a contact. We at Mount Nebo could not hear him, so net control was done from somewhere in Europe.

We made more than 15,000 QSOs on all HF bands except 160 meters. We repeatedly gave our QSL info: via JY6ZZ, direct or bureau.

We were taken completely by surprise when His Majesty King Hussein joined us for the evening dinner.

On Sunday, we packed the equipment, cleaned up the mess, gathered and signed the logbooks, got our few personal belongings from the hotel, and everything was ready for the return trip.

Allow me to say a word of thanks to Amir, 4X4TT, who coordinated the entire event, and to the most wonderful team of Israeli operators for making this such a memorable week.

Bulletin – Joint Event Postponed

Special Bulletin 65 from HQ
Newington, CT October 26, 1995

Continued next page

A joint amateur radio operation by both Jordanian and Israeli amateurs planned to begin October 25 has been postponed, according to the president of the Israel Amateur Radio Club.

The planned operation still lacks issuance of a call sign and proper permits from the Israel Ministry of Communications, said IARC President Joseph Obstfeld, 4X6KJ. In addition, the consent of the Israel and Jordanian Amateur Radio Societies is not yet in place. "This event is just postponed," Obstfeld said, "until it can be properly organized."

ARRL HQ opens World Wide Web service

The American Radio Relay League has opened ARRL Web, the League's new HQ-based Internet World Wide Web site, at the uniform resource locator (URL) <http://www.arrl.org/ARRLWeb> will serve as an essential Internet resource for active hams, carrying ARRL news; details on upcoming hamfests, conventions and Amateur Radio examinations; the ARRL Publications Catalog; information on ARRL membership benefits and services; and more.

BRIEFS

*An Assistant Technical Editor position is available at ARRL HQ. A solid background in both the technical and operating aspects of Amateur Radio and writing and editing experience are required; Amateur Extra Class license preferred. Annual salary range is \$32,000 to \$35,000. Send a resume and cover letter to Joel Kleinman, N1BKE, at ARRL HQ.

*Amateur radio associations have been organized in Uganda (the Uganda Amateur Radio Society) and Mali (the Club des Radioamateurs et Affiliés du Mali) and both have applied for membership in the International Amateur Radio Union.

*Call for manuscripts for the next ARRL *Antenna Compendium*: If you have an (unpublished) article—or a well-developed idea

for an article—dealing with antennas, transmission lines, towers, rotators, or propagation, contact Dean Straw, N6BV at HQ (rdstraw@arrl.org).

*Don Keith, N4KC, has published his first novel. *The Forever Season* was offered by St Martin's Press in early September. Don wrote articles for QST in the 1970s. While waiting for fame and fortune, Don continues his day job as a computer software writer for radio and television.

*The FCC has added three countries to the list of those with which the US has an Amateur Radio reciprocal operating arrangement. They are Bosnia-Herzegovina, Croatia, and the Former Yugoslav Republic of Macedonia.

The FCC also has added the Republic of the Marshall Islands to the list of countries with which the US has a third-party traffic agreement.

A visitor to the US from a "reciprocal country" may obtain a permit valid for one year by sending a completed FCC Form 610-A application and a copy of his license to the FCC's Gettysburg, Pennsylvania, office.

Complete lists of US third-party traffic countries and reciprocal operating arrangement countries are available by sending an SASE to ARRL Headquarters, or electronically through the sources listed in "How to Contact the ARRL" in each QST.

*Amandus G. Wentzel Jr, W2HX, died August 28, 1995. He was first licensed in 1919 and was a continuous ARRL member since 1920.

*Amateurs with Internet access may wish to read the Restrictive Antenna Covenants Home Page, maintained by Don Stoner, W6TNS. It features not only information on Stoner's own battle with his condominium association in Clearwater, Florida, but also lists other resources for information of interest to radio amateurs. Stoner's home page is at: <http://www.hamweb.com/~sjl/STONER/ANTENNA.html>.



Elmer's Corner

By Paul E. Wilkins,
AB4CY

BY THE NUMBERS, THE DSP REVOLUTION IS COMING

We've all seen an AC waveform on an oscilloscope screen and most of us think of that when we try to think of what an AC signal "looks like". Another representation that can be used is to sample that AC waveform with a very fast voltmeter that may take twenty thousand voltage readings a second, turning a single cycle of AC into a string of several thousand numerical values stored on a memory chip. If we divide the numbers in storage by a constant and reconstruct the analog signal, it's attenuation; if we multiply, it's noiseless non-distortion amplification. In between you can compress, expand, compare with another cycle earlier or later in time, or operate mathematically on only parts of a cycle to shape the waveform into different frequencies.

Digital Signal Processing is going to bring a revolution to our hobby greater than the one that resulted from the introduction of transistors or SSB. Now I know that's saying a lot, but ten years from now those transceiver panels are going to be greatly transformed from what we have today as will be the circuitry inside. The great majority of the features will be created by computer software programs, not hardware. The technology is here today but we still have to pay off the development costs of the multi bells and whistles of current state-of-the-art designs. However, the handwriting is on the wall. Consider packet radio alone. The whole TNC can be assembled into an emulator computer program, not a separate black box. Digital adaptive filters with variable bandwidth and response times that automatically adjust to the input signal are a memory chip away. Digital synchronous detection can pull a signal out of 40dB of noise (ever wonder

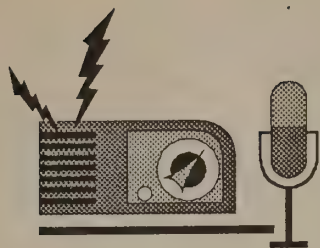
how they receive a spacecraft signal of less than ten watts from 200 million miles away?).

The sad part of this is that the level of technology employed will far surpass our usual ability to understand or even comprehend it. In a mere 50 years we've gone from being able to solder together a two tube regenerative receiver using earphones to rarely being able to trace the schematic in the instruction manual of the transceiver sitting in the shack because it's mostly indecipherable boxes representing IC chips, and who knows what's inside them? Not only that, they're made in Indonesia.

But, it's across the board. A '39 Dodge engine could be knocked down in an hour and put back together the same afternoon. In 1950 even a black and white television was decipherable, but no more what with infrared universal control modules, on screen windows, closed captions, VCR's, stereo, satellite cable, etc. So what can we contribute in this day and age to earn the right to keep our frequency allocations. It's going to take some thought to come up with an answer, and we need one, fast.

I feel privileged to have come up through the golden age of being able to have a handle on and being a part of what was in front of me, but sometimes when I sit in the shack and look at a few vintage pieces of home built gear, I think I can understand why kids don't find a real challenge in the hobby any more and why the average age of hams is increasing every year. There just isn't much most of us can actually do anymore to advance the state of the art. Even antennas have to be 50 ohms to match the store bought rig. Searching for DX with the phones on and a crystal controlled twenty watt final with a copper tubing plate tank with a long wire antenna has been replaced by a digital synthesized dual VFO, a hundred watts or more, a three element tribander and a packet DX cluster to tell you where to look.

I'm searching, and so should you, to find a path that will keep real ham radio alive. Merry Christmas!



DX DX DX

By John Kanode,
N4MM

MYANMAR (BURMA) ALLOWS AMATEUR RADIO OPERATION

It appears that the Government of Myanmar has decided to allow Amateur Radio in their country. For many decades, Amateur Radio did not exist in that country. Over the years several Amateur Radio operations took place from there but they were of a questionable nature. I think that this is another case of an isolationist country coming to the realization that to survive in today's world, economically, one must become part of the global system.

On September 29, a group of three Amateur Radio representatives, JA1BK, OHØXX and OH28H were very successful in making a clear case for the reinstatement of Amateur Radio in Myanmar. The establishment of Amateur Radio is now well under way and the first Myanmar citizens are expected to appear on the air in late 1996. The detailed proposal for establishing Amateur Radio was well received by the government representatives. About 1000 QSO's were made, using the call XZ1X. Several groups are now making plans to operate from this country.

On about October 20, XZ1A started showing up on the bands. This operation is much bigger than the first one in September and as of October 25, has resulted in many thousands of QSO's. This group is JA1BK, OH2BH, K5FUV and possible others. According to the latest on the DX Reflector, the written documentation is in hand and this operation will be approved. There is another group operating from Myanmar at present, using the call XZ1HY, but little else is known at this time about them.

SCARBOROUGH REEF

As of October 25, the DXAC has NOT submitted its report to the Membership Services Committee. They have been granted an extension of time by the ARRL President. They have until November 30 to submit their report. This extra time was granted due to the fact that the chairman of the DXCC had to be in New Zealand most of October. It appears that this issue will not be resolved until December or January.

UPCOMING DX CONTESTS

ARRL 160 Meter CW Contest	Dec 1-3
ARRL 10 Meter Contest	Dec 9-10
RAC Canada Winter Contest	Dec 31

APPROVED OPERATIONS

The documentation for the following operations has been received and approved:

3A/IIYRL	3A/IK1SLP	3A/IK4WMG
3D2CT	3D2CU	3W5FM
4H1TR	4JØ/IK28HX	4KIHX
457FEG	457ZAG	SHICK
5H3CK	5N3/SP5XAR	5R8EI
5R8EJ	5R8EH	5TØAS
5T6E	5X4A	5X5THW
6Y5/JR7QKH	9A9JH	9GIYR
9M8BC	9M8HN	9NIWT
9X/ON4WW	9X/SM7KOJ	A71A/IV3TMM
C9/W6RJ	CEØZ	CN2AW
CN25R	CN5I	CY9/WA4DAN
CY9/AA4VK	CY9/KW2P	CY9/W5IJU
CY9/K4TVE	D68QM	DU9/KG8QH
EA8/PA3GIO	ED8USA	EY8/K4YT
H44/DJ9RB	LX/DL3FCP	LX/DL4FCH
P29VDI	579NEO	SV5/PA3GIO
SV8/G35WH	T5RM	TA/UA3A8
TG9/F5UKV	TI9JJP	TN70T
TR85F	TT8A	TT8NU
TU2/KM4P	V2/G4DIY	VK9CJ
VK9XI	VP2MFM	XT/TU5BA
XU6WV	XT2CH	Z38/DL1SCQ
ZL8/G4MFW		

Continued next page



Traffic Fun

By Geri Sweeny,
N4GHI

Traffic handling is a family activity. Consider the family Cashell. Mom, Helen (AE4GE) teaches her daughters, Maggie (KS4YZ) and Molly (RE4WGL) at home. They are in the 8th and 6th grades. Dad, also a ham, claims he is the school principal. While the girls have other hobbies: piano, gymnastics, and horse back riding; they are enthusiastic about amateur radio and traffic handling. Molly says amateur radio is very useful for making contact with the family. Maggie says it makes a great science course. And, all three take turns as Net Control on the SVEN (Shenandoah Valley Emergency Net) on Friday evenings. That's one of our 2-meter traffic nets which meets nightly at 7:15 on 146.820. Running a net takes discipline, concentration, and lots of thought. If a 6th grader can run a net, surely you and your family can check into one and send a message.

It's holiday time - a perfect reason to send an "ARL sixty_____ " That's, 'Wishing you the best of everything on_____'. The blank could be Halloween, Thanksgiving, and/or just about anything. For those with the creative spirit, you

might want to send something spooky.

Don't forget to ask for a reply. There are several ways to do that. In the preamble, between the message precedence (usually R for Routine) and the call of the originating station, is a place for 'handling instructions'. By putting an HFE, you are asking for a return message. Another way is to add ARL seven (Please reply by Amateur Radio through the amateur delivering this message. This is a free public service.) in the text - usually at the end. If you aren't sure how to format a message, ask the station you are dealing with to do it.

Join us on a local net, and/or turn on your HF set and listen in for some traffic fun.

BTN (Balt.TfcNet)	6:30 pm	146.67
NVTN (NoVaTfcNet)	7:30 pm	147.30
VTN (Va Tfc Net)	1:00 pm	3907
MEPN (MdEmerPhone)	6:00 pm	3920
VSNB (Va SideBand Net)	6:00 pm	3947
VNE (Va Net - Early)	7:00 pm	3680 (CW)
MSN (MdSlowNet)	7:30 pm	3717 (CW)
VNL (Va Net - Late)	10:00 pm	3680 (CW)
MDD (MdDe)	10:00 pm	3943
VLN (Va Late Net)	10:15 pm	3947

For additional information on where a net, and/or a traffic handler near you is, call me, N4GHI, Geri, at 703/360-3773 and/or SP N4GHI @ WA3TAI. I'm the Section Traffic Manager in Virginia.

DX DX DX, from page 14

TIDBITS

The Heard Island DXpedition is on schedule. They should be appearing on the air around November 12 for two weeks.

The DXAC is discussing a petition that proposes to delete Mount Athos, SV/A. A vote will be taken on this in January of 1996. Several

wording changes have been proposed for the Minimum Size Rule, these will be voted on in January 1996. The DXAC will also be revoting on Pratas Island in November. The results should be known by early December.

DX Silent Keys: F2BU, was QSL Manager for J28JA and WSJLU, who was QSL Manager for FY5YE.

3V8AS is a pirate operation. It is believed that it is taking place from Italy.

Public Information Coordinator



Maryland/DC Section

by Lenny Schachter - N3RPQ
PIO and Assistant Section
Emergency Coordinator DC ARES

D.C. ARES Assists in the MS Challenge '95

The District of Columbia Amateur Radio Emergency Service (D.C. ARES) provided emergency and tactical communication support for the Multiple Sclerosis Society (MS) Half Marathon and 5 Kilometer races held on Sunday, September 24, 1995.

About 2,500 runners and three wheelchair bound individuals competed in the fund raiser for

disease research. The Bethesda-Chevy Chase rescue squad sent several volunteers on bicycles to monitor the race and assist in logistics communications through a link to the Amateur net control.

The rescue squad assisted a participant whose wheelchair had broken during the event. Event coordinators reported that about \$50,000 was raised. No medical emergencies were reported.

Thanks to the following operators for their support: Paul, KQ3X, Lenny, N3RPQ, Paul N4KEQ, Roy, M3MA, Reggie, M3LR, Willie KE3SA, Bob, N3FRT, Carl, N3UBK, Gerald N3PYS, Jim, M3CD, Collins, N3UBI, Frank N4GUS, Roberta, N3RRD, Lydon, N3RFH, Ron, N3VPU, CY, N3EPH, Ernie, N4WJK, and Tom, M3MN. A special thanks to the Bethesda-Chevy Chase rescue squad bicycle participants.

For further information on D.C. ARES, contact Paul Washington, KQ3X, EC at (301)384-7812.

TENTH ANNUAL JOINT HOLIDAY BUFFET LUNCHEON



Quarter Century Wireless Association,
Society of Wireless Pioneers, and all radio amateurs in
the greater Washington area.

DoubleTree Hotel, Tysons Corner
7801 Leesburg Pike, Falls Church, VA - Beltway exit 10-E

Reservations: Send check for \$24 per person, payable to QCWA Chapter 91, to Alan B. Wheeler, WB4JJJ, 4206 Collier Road, Fairfax, VA 22030. (Checks must reach AI by Nov. 27), or call him at (703) 273-0619

For further information: QCWA Chapter 91 2-meter net,
Sunday mornings, 9:00 - 10:30 am., NVFMA repeater, 146.79 MHz.



1995-1996 ARES CALENDAR



August 1995

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

September 1995

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

October 1995

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

November 1995

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

December 1995

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

January 1996

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

September

- 4 Labor Day
- 23 Autumn begins
- 24 M.S. Society Half Marathon

October

- 9 Columbus Day (Observed)
- 14 B.S.A. Fall Camporee
- 21 Simulated Emergency Test
- 22 Marine Corps Marathon
- 29 Daylight Savings
- 31 Halloween

November

- 11 Veterans Day
- 23 Thanksgiving

December

- 22 Winter begins
- 24 Santa Net at Hospitals
- 25 Christmas
- 31 New Year's Eve
- First Night-Leesburg and Alexandria, VA

January

- 1 New Year's Day
- 15 Martin Luther King, Jr.

February

- 12 Lincoln's Birthday
- 14 Valentine's Day
- 19 President's Day
- 21 Ash Wednesday
- 22 Washington's Birthday

March

- 17 St. Patrick's
- 20 Spring begins
- 31 Palm Sunday

April

- 1 April Fools Day
- 5 Good Friday
- 7 Daylight Savings
- Easter

May

- 12 Mother's Day
- 18 Armed Forces Day
- 27 Memorial Day (Observed)

June

- 14 Flag Day
- 16 Father's Day
- 20 Summer begins

July

- 1 Dominion Day (Canada)
- 4 Independence Day

February 1996

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29		

March 1996

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

April 1996

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

May 1996

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

June 1996

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

July 1996

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			



Amateur Radio Newsline

Compiled by
John Queen
KAØSEY

FCC TO PROCEED WITH CLOSINGS

The FCC says that it will go forward with a field office restructuring plan that will close down most regional monitoring centers to save money. The plan, submitted to the Commissioners by FCC Chairman Reed Hundt last August automates the FCC's network of airwave monitoring stations while at the same time reducing the number of field offices and field personnel in the Compliance and Information Bureau.

Under the now approved scheme, nine separate currently staffed high frequency monitoring stations, and three additional monitoring sites within FCC field offices will be shut down. The FCC says that Technological advances permit the replacement of these monitoring stations with a national automated monitoring network by the summer of 1996.

The plan also establishes what the FCC calls a new national Call Center. The Call Center will, for the first time, enable the public anywhere in the United States to call one toll-free number to reach the FCC. This to get information or to report complaints.

The FCC says that, under the arrangement, authorized staffing in the Compliance and Information Bureau will decrease by about one-third by the beginning of Fiscal Year 1997. The plan also requires an investment of 5 to 7 million dollars in equipment and personnel in fiscal years 1996 and 1997. That may sound like a lot of money until you realize that the Commission estimates

that this one time purchase will save more than 8 million dollars annually thereafter.

And what hams are probably wondering the most. What will this mean in regard to catching and punishing rules violators? The Commission says that even with the changes that its field enforcement activities will be maintained at current levels. Hams know that this means little or none.

CW SPEEDS TO REMAIN

The General class code test speed will remain at 13 words per minute. This, after the FCC denies three requests to lower the Morse code requirement for that class of operator license.

The requests, in the form of letters, came from three Technician-Plus class licensees. All three petitioned that the 13 word per minute Morse code requirement for the General Class license be lowered to 5 words per minute. Two of them also asked that the Technician-Plus operator license class be eliminated. That all holders of Technician-Plus licenses be grandfathered to General class operator privileges.

But in an Order released October 19th the FCC says that the current amateur service license structure and examination requirements were developed in accordance with the expressed desires of the amateur service community. This, through numerous rule making proceedings that generated many thousands of comments. The FCC says that the amateur service community indicated on each occasion that it strongly desires to preserve communications by telegraphy. And after considering the views expressed in those proceedings, the Commission adopted the rules that are codified in Part 97.

Based on this history, the FCC concludes that the petitioners have not presented sufficient evidence to justify revisiting these matters at this time. Its not known if any of the three hams will file appeals.

Continued next page

ATV VS. FM

Another intermode battle is brewing. This one on the 70 centimeter ham band where two groups of operators, amateur television users and FM operators are at odds.

Codeless technician amateurs may not have intended to start a battle, but they seem to be involved, anyway. The controversy started last spring. That's when the Mid America Coordination Council decided to phase out fast scan amateur television operations on the 440 MHz band. The reason given, so that more spectrum can be made available for increased use by FM voice and other narrow band interests. FM users say they need the space so they can set up more voice repeaters to accommodate the flood of codeless technicians joining amateur radio every month. In most parts of the U.S., the 2 meter band is already saturated and in many areas, UHF frequencies are getting busier, too.

But ATV operators, including those who have operated on the 430 MHz band since before the first FM voice signal showed up, say not so fast. They say they won't move higher in frequency. And they say neither the FM community nor their repeater councils have the right to tell them to leave. Supporters of ATV point to FCC rules part 97.305, subpart C. That section authorizes fast scan amateur television and other wideband modes on the 70 centimeter band and above. ATV operators say that, with or without the blessings of the Coordination council or any other FM repeater frequency coordinator, their personal home stations will be staying on the air, right where they are.

Some ATV operators indicate they are willing to take the issue to court if they must, so that they can keep their slice of the 70 cm spectrum. The clash between ATV and FM seems to be hottest in the territories that fall under the umbrella of the Mid America Coordination Council. Last spring, MACC voted to stop coordination of Amateur Television repeaters in the 70 centimeter band. It did not ban them, but it did request that they consider moving to bands higher in frequency.

Many ATVers complained about this decision so at a meeting held in St. Louis just prior to the national repeater coordinators conference, MACC voted once again. The results were the same. A nonbinding recommendation that MACC member states no longer coordinate fast scan ATV repeaters onto the 70 centimeter band. And with this second affirmative vote against ATV, it could spread to other parts of the country as the ham radio airwaves continue to fill up. If nothing else, it appears as if definite battle lines have been drawn between the two modes.

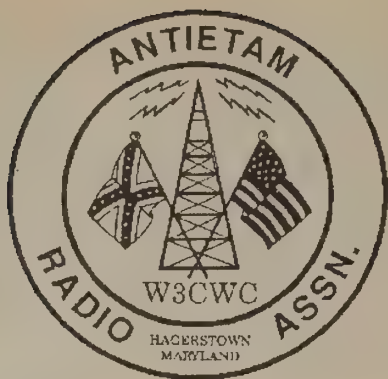
HAM RADIO AND MORE

Speaking about repeaters and frequency coordination, please tune into the Sunday October 29th edition of Ham Radio and More hosted by Len Winkler, KB7LPW. Len will have as his in studio guest our own Newsline producer, Bill Pasternak, WA6ITF to discuss, among other things, the recent meeting of the nations repeater frequency coordinators and what the outcome of that meeting may mean to the average ham in the street. Others subjects that might come up for discussion include the developing "twin societies of ham radio", that being the hams who passed CW tests isolating themselves from the no-coders and vice versa. Also, plans for next years 10th anniversary Newsline Young Ham of the Year Award, the 1000th NEWSLINE report in December of 1996 and if time permits, an update on the making of the ham video "Always on the Air."

Ham Radio and More originates from the studios of KFNN radio in Phoenix, Arizona. It is heard at 6 pm Eastern Time on sixty-six stations of the Talk America Radio Network. The show also airs on tape delay over WWCR shortwave on 7.435 Mhz.

For information on where you can hear Ham Radio and More in your area write to Len Winkler, KB7LPW, Post Office Box 9219, Phoenix, Arizona 85068. Or if you prefer electronic mail address it to lenwink@indirect.com.

Continued on page 60



Antietam Radio Association

MARYLAND-DC QSO PARTY RESULTS

AUG. 12 1600Z TO 0400Z AUG. 13TH
AND 1600Z TO 2359Z AUG. 13, 1995

The previous record of Maryland stations included 162 stations operating from Maryland. This year you blew that record away with 221 stations on the air from Maryland. For posterity, those stations are listed below.

Honor Roll of Maryland Participants

AA3FX, AA31R, AA3JQ, AA3LA, AA3LZ, AA3MD, AA3XX, AH6FX, AJ3X, K1HTV, K1MTW, K1ZAT, K2XX, K3BEQ, K3CLG, K3DH, K3DI, K3DOH, K3DQ, K3FT, K3GLG, K3HV, K3IXD, K3MF, K3ORW, K3OYD, K3PHF, K3RA, K3RPT, K3UMV, K3VAC, K3VOA-CLUB, K3VRZ, K3ZZZ, K5ME/3, K7CI, KA3DOF, KA3FDO, KA3ICJ, KA3LGO, KA3TGY, KA3UNQ, KA3VDN, KA3WKH, KA3YWA, KA3ZZZ, KBØPWW, KB3AUG, KB3AXN, KB3BIV-CLUB, KB3NL, KB3XJ, KC3TO, KC3VO, KC3Y, KD3IQ, KD3JA-CLUB, KD3NS, KD3O, KD3TY, KD3WY, KD3ZS, KE3IM, KE3MF, KE3MO, KE3OX, KE3QZ, KE3RU, KE3RW, KE3RX, KE3TT, KE3TZ, KE4WVD, KF3P, KF3PL, KK5JZ, KM4HO, KO4UU, KX3Y, NØJHL, N3AC-CLUB, N3AFB, N3AUQ, N3CAU, N3COB, N3CVB, N3FNF, N3GDR, N3GVA, N3HFO, N3HQB, N3HTN, N3IHX, N3II, N3ISA, N3JBA, N3JMK, N3KGM, N3KKQ, N3KQY, N3KRR, N3LDC, N3LKB, N3LQU, N3LWI, N3MIJ, N3MJA, N3MPV, N3NFN, N3NRL, N3NVT, N3NYS, N3OLS, N3OPM, N3OWE, N3OYF, N3OYR, N3PMN, N3PMO, N3PMP, N3QPX, N3QQC, N3SCA, N3SOK, N3TDN, N3TGU, N3TIK, N3TO, N3TOA, N3TTX, N3TUM, N3TXB, N3TZY, N3ULV, N3VDU, N3VEJ, N3VIS, N3VKX,

N3VLM, N3VOT, N3VWO, N3VXE, N4OSD, N8UKC, N8UNK, ND3A, ND3F, NG2X, NS3Q, W3BA, W3BRZ, W3CWC-CLUB, W3CYQ, W3DKT, W3DQF, W3DQI, W3FT-CLUB, W3FUO, W3FZT, W3FZX, W3HVQ, W3IRE, W3LMC, W3LVC, W3MPN, W3NF, W3NHR, W3PRL, W3UCG, W3VLE, W3WOD, W3YYQ, W4WOT, WA2LER, WA3AAT, WA3BUI, WA3DCG, WA3DDR, WA3EOP, WA3EOQ, WA3FKC, WA3FYZ, WA3GUB-CLUB, WA3GYB, WA3HSC, WA3LED, WA3MKW, WA3NAN-CLUB, WA3NUL-CLUB, WA3SEE, WA3TAI, WA3TOY, WA3VDX, WA3YLO, WA3ZER, WA3ZNW, WA4GGH, WA4IZK, WA8DQR, WB3CDX, WB3DAI, WB3DAO, WB3DFQ, WB3GEJ, WB3HUP, WB3HZI, WB3JKV, WB3JQO, WB3LTA, WB8YYY, WI3A, WJ3K, WN3T, WQ2X, WV3B, WV3S.

Maryland Club Competition

Columbia Radio Association successfully defends title - sets new record in process !

N3AC	130, 166	Wins Club Plaque!!
K3VOA	25,300	2nd Place Club
W3CWC	18, 990	3rd Place Club
WA3GUB	7,293	4th Place Club
KD3JA	2,456	5th Place Club
WA3NUL	272	
W3PRL	231	

Maryland Novice Tech Category Entries

N3VDU	432	The Winner!
N3TDN	370	2nd Place

Non-Maryland Novice-Tech Entries

Pennsylvania	N3ULB	80	Winner!
W. Virginia	KB8WHW	112	Winner!

Maryland Mobile Station Entries

WB3CDX	21,966	Winner!
(operated from all Maryland Counties!)		
N8UKC	936	All on 2 mtrs!
WA3FYZ	274	
K1TMW	224	

Individual Results 1995 MD- DC QSO Party

Maryland DC Competition

KE3QZ	33,825	Wins Plaque
W3DQI	29,016	2nd Place
N3PMP	27,496	3rd Place
KE3MF	18,722	4th Place
KD3O	17,444	5th Place
N3II	12,348	6th Place
WA3ZER	12,168	7th Place
WA3FYZ	10,138	8th Place
WA3EOQ	5,075	9th Place
WB3GEJ	2,835	10th Place
W3FZT	2,600	
WA3EOP	2,520	
KD3TY	664	

Out of Maryland-DC Entries

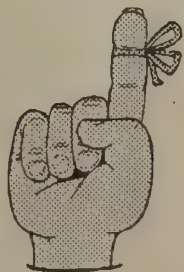
TN	N4JII	9550	National Winner
CT	K8HVT	5016	State Winner)
	K1TMW	1199	State QRP Winner)
	AA1JM	924	3rd in State
DE	NY3C	2145	State Winner
PA	KB3AFT	5420	State Winner
	N3RJ	2784	Strong Second
	N3TUA	1224	3rd Place
FL	KK7K	1342	1st Place
VA	K4UK	1560	1st Place
GA	K4BAI	860	1st Place
ME	WWIP	63	1st Place
IN	K9ZCH	760	1st Place
SC	W3MIF	472	1st Place
WV	N8UKC	2522	1st Place
C6A	KG9N/C6A	42	(Bahamas) First Place

Some Comments from participants ... N8UKC - My first contest; ... K9ZCH - Operators are to be congratulated on their courtesy and attitude; ... N4JII - The Dickson Co. Amateur Radio Club decided to use your contest as a Simulated Emergency Test; ... N3AC - This year's party was one of, if not the most, fun and educational/ training activity that CARA has ever taken part in. We eagerly look forward to next year.

The Antietam Radio Association thanks all who participated this year and hope you will all be back with us again next year. Two people suggested rules changes and these will be considered by our contest committee!

73 WA3AAT & WA3EOP
(The Contest Committee)

REMINDER...



...submissions are due the 1st day of the month prior to the month of publication. Submit all Club Columns, Shack Sales, and commercial advertising copy to:

John Queen
Editor, Auto Call Magazine
755 Woodland Way
Owings, MD 20736



FAR Meeting Minutes Sep. 13th Alexandria, VA

FAR President, Chuck Sommer, called the meeting to order at 8:08 p.m. Those in attendance included: Chuck Sommer, N4OSD, Prince Georges RACES/ARES; Al Brown, WA3FYZ, Antietam Radio Association/MEPN; Ed Mumford, N3IRO, CMARC; Charles Johnson, N3HFO, AARC/NVFMA; Mildred Mumford, N3KGQ, Frederick ARC/CMARC; John Swafford, W4HU, Dept. of State ARC/QCWA; Mary Morris, N4TCI, Mt Vernon ARC; Ross Merlin, WA2WDT, Mont Aux Comm Srvc; Hugh Turnbull, W3ABC, FAR Scholarship Chairman; Ruth Phillips, K3AGR, Metrovision ATV/NRL ARC; Page Pyne, WA3EOP, Opequeon ARC/Antietam Radio Assn; Pat Kilroy, WD8LAQ, AMSAT; Tony Young, WA3YLO, Anne Arundel ARC, MEPN; George Saunders, KR4MU.

The Secretary, Vicki Gigante (KA3PVS), was absent. Therefore, Executive Vice President Al Brown (WA3FYZ) assumed the duties of meeting secretary. The July and August minutes were mailed out and accepted without correction.

Treasurer Charles Johnson (N3HFO) gave the Treasurer's report and it was accepted.

Auto Call - Millie (N3KGQ) reported that there were 66 subscriptions, 13 individual issues and five T-shirts sold. Auto Call collected \$998.50. Alan Lock, KA3WCF, won the FARFest Auto Call prize, a Kenwood TH-79A dual-band HT. John Swafford reported that the October Auto Call will be mailed out on September 18.

Survivor's Assistance - Tony Young (WA3YLO) reported that he sold \$2,030 worth of equipment at FARFest. He considered that a "super" response.

Scholarship Committee- Hugh Turnbull (W3ABC) reported that of the 55 or 56 scholarship winners, he had not received a picture from one of the recipients. Hugh also reported that Shirley True-Banning gave an additional \$10,000 to increase the scholarship in memory of her husband to \$1,000 per year. Also noted was that the Free State ARC made a contribution for the Foundation to administer a scholarship on their behalf.

ARRL Report — Hugh (W3ABC) reported that the vanity call forms are still on hold. Hugh also reported that there will be an FCC/ARRL/Frequency Coordinating Committees meeting in Missouri in October to discuss VHF frequency allocations in the US. Hugh also advises that if club repeaters have interference problems, the club should contact their ARRL Section Manager in order to find a resolution.

FARFest (Gaithersburg Hamfest) Report - Al Brown (WA3FYZ) reported a record turnout. Unofficial attendance was reported by authorities to be 8,200. We sold about 6,000 General Attendance tickets and over 1,000 Tailgate tickets.

George Saunders (KR4MU) offered the comment that ticket accounting at the South gate was haphazard. He also mentioned that many workers did not receive T-shirts, caps and mugs. Al Brown said that we will order additional shirts, caps and mugs as necessary to compensate workers.

Ross Merlin (WA2WDT) said he talked with customers. Tailgaters griped about too much competition but the vendors reported that traffic

was steady, heavy and continuous all day. In other comments...It appears that locating the tent enclosing the ticket drawing drum was a good idea. We received two negative comments and tens of positive comments about the relocation.

We received many positive comments about the PA system. Tony, and his helpers, did an outstanding job. PA coverage was the best ever. But, considering the limited resources they had to work with and the acreage, it was impossible to cover all of the tailgate area without dead spots.

Al Brown (WA3FYZ) also reported that the special event station, W3PRL, set up adjacent to the FAR tent was again an outstanding success. Many observers crowded around the "rich, golden tones" from the nearly 100 amplitude modulation (AM) contacts made on 160, 75 and 40 meters. Various television crews recorded portions of the W3PRL activity.

Al Brown also reported that there will be a FARFest De-Briefing meeting on Wednesday, September 27 at 7:30 pm at the Prince Georges EOC off Central Avenue (1-1/4 mi. inside the Washington Beltway). We will discuss what we did right and what we need to work on for FARFest '96.

Announcements - Pat Kilroy (WD8LAQ) reported that the Goddard Space Flight Center will hold an open house this Sunday, September 17,

from 10:00 am to 4:00 pm. The GSFC ARC, WA3NAN, will also be open. Al Brown will post an announcement to all FAR Trustees and on packet BBS's. Pat also reported that AMSAT will hold a meeting adjacent to the GSFC Visitor's Center on September 24.

Page Pyne (WA3EOP) announced that the Maryland-DC QSO Party was the best ever. As near as he can tell, at least 221 Maryland ham stations participated. The results of the MDC QSO Party and prizes will be awarded soon.

Ross (WA2WRT) reported that there was much discussion about T-MARC's new "dues" structure. He suggested that if your club has an alternative method for computing "dues," please submit it in writing to T-MARC or plan to attend their next "all-inclusive" meeting on November 5th. The location is planned to be some place in Central/Western Maryland (Frederick/Hagerstown) and will be announced soon.

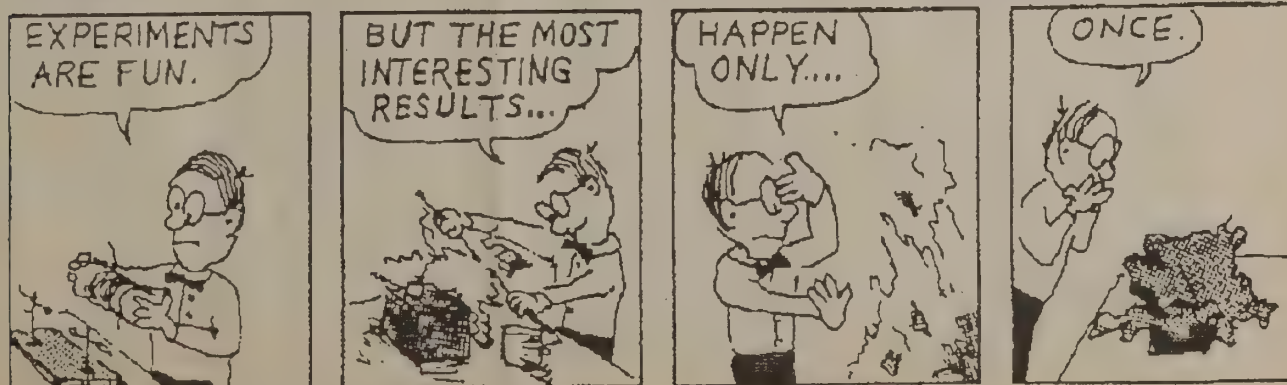
The question was raised by Al Brown about T-MARC returning the excess monies transferred to them by the Foundation for the purchase of a computer system. Ross said he would bring it up.

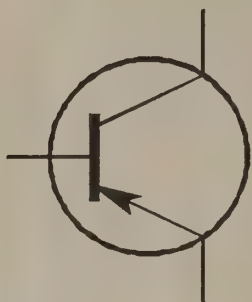
A motion was entertained and passed to adjourn at 9:14 pm. Respectfully submitted,

E. Allen Brown
Executive Vice President FAR

ELMER

By Rich Regent, K9GDF





Amateur Radio Training

John Forrest WZ4A
6111 Burnett St., Alexandria, VA 22310
(703)971-3905

Please send announcements for training classes and club training contacts to WZ4A at the above address. Deadline is the 25th of the 2nd month prior to the *Auto Call* publication date (e.g., 25 December for the February issue).

Club Training Contacts

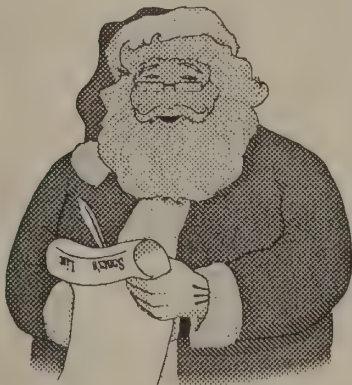
Alexandria RC	Rich Adamy KA4GFY	(703)644-3920
Anne Arundel RC	Tony Young WA3YLO	(301)262-1917
Arlington ARC	Fred Bardsley WD4DHW	(703)533-0372
Antietam Radio Assn.	Robert Long KD3JK	(301)824-5132
Baltimore RATS	Joe Chidester W3SHZ	(410)602-0353
Baltimore ARC	Essex Community College	(410)780-6854
Fauquier ARC	Neil Spokes AB4YK	(703)364-3861
Frederick ARC	Hal Silverman W3HWC	(301)831-7946
Herndon Rep't Gp	Michael Weber WB8RDN	(703)450-2304
Laurel ARC	Pud Reaver W3DQI	(301)498-6293
Madras	Larry Ziecheck	(301)984-6113
MD Mobileers ARC	John Baugus N3JME	(301)551-3161
Montgomery ARC	Rocky Jones KC4UXO	(301)216-5210
Mt. Vernon ARC	John Forrest WZ4A	(703)971-3905
NASA/Goddard ARC	Vikki Gigante KA3PVS	(301)249-2609
Ole VA Hams ARC	Charles Dale WA4YGI	(703)361-3091
Pentagon ARC	David Boyd K9MX	(703)659-6241
St. Marys Co. ARC	Peter Butt WA3UMY	(301)862-2214
Shenandoah Val ARC	Guy Black W4PSJ	(703)722-4952
Southern MD ARC	Vic Curtis WA3YUV	(301)888-1388
Southern Pax ARC	Dwayne Kincaid WD8OYG	(410)586-2177
Stafford Adult Ed	Jerry Mullinix AC4HK	(703)659-3905
Sterling Park ARC	Forrest Snyder N4UTY	(703)430-4149
Tri-County ARC	John Creel WB3GXW	(703)572-5124
Vienna Wireless	Paul Wilkins AB4CY	(703)560-2779
Woodbridge Wireless	Cliff Deel KO4FM	(703)491-0841

Class Announcements

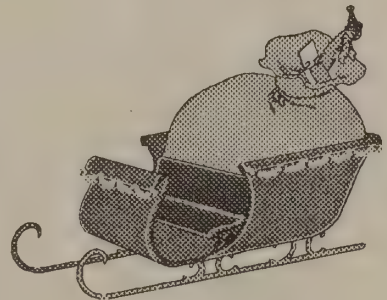
GENERAL/ADVANCED CLASS: The Mount Vernon Amateur Radio Club and the First Christian Church (Alexandria) Boy Scout Explorer Post will present an upgrade amateur radio training course for the General Class license. If sufficient interest is expressed, the course will be extended to include training for the Advanced Class license. Morse code instruction will be included. The class will be held in the City of Alexandria beginning in mid-January 1996. There is no charge for the class; however, students will be required to provide their own ARRL license manuals and possibly other materials which will be provided at nominal cost. For information, contact John Forrest, WZ4A at (703)971-3905 or Bill Schmitt, KD4CNS at (703)768-5709.

The Shenandoah Valley Amateur Radio Club presents the "Santa Net"

The Shenandoah Valley Amateur Radio Club will sponsor and operate the 1995 edition of the "Santa Net" from the KK3L Two Meter Repeater in Berkeley Springs, West Virginia on December 24, 1995. Local amateur radio operators will join others in a five state radio communications network to bring SANTA to sick and shut in children. Amateur radio operators will set up their equipment at area hospitals and shelters beginning at 1:00 p.m. local time on Christmas Eve. If you own a scanner or other radio that will tune into either 146.745 or 147.300 MHZ, tune in for a heart warming experience. Below is a partial list of the amateur radio repeaters that will be used in the operation:



146.745 MHZ Berkeley Springs, WV
147.300 MHZ Bluemont, VA
146.270 MHZ Myersdale, PA
146.970 MHZ York, PA
146.835 MHZ Seven Springs, PA
442.825 MHZ Connellsville, PA
442.835 MHZ Johnstown, PA
443.525 MHZ Carrolltown, PA
443.725 MHZ Mount Davis, PA
443.925 MHZ Seven Springs, PA
443.950 MHZ Somerset, PA
444.425 MHZ McHenry, MD



Children who check into the net can obtain a personalized "Santa" certificate by sending a SASE to:

The Shenandoah Valley Amateur Radio Club
P.O. Box 139
Winchester, VA 22604
(540)955-1745



Volunteer Examiner Cooperative

JOHN FORREST WZ4A
6111 Burnett St.
Alexandria, VA, 22310
(703) 971-3905

* Effective July 1, 1995, the Advanced Class written exam question pool (Element 4A) changed. Since the question pool has not been changed for many years, significant changes are anticipated. Be sure to use study materials appropriate for the current question pool.

* ATTENTION VE's: It's time to plan your 1996 test dates. 1996 dates will appear in *AutoCall* soon. Also, copies of the 1996 *AutoCall* exam schedule will be distributed to local ham radio stores around the middle of December. Please send your information to WZ4A as soon as possible."

1995 Schedule of Examinations

December 3 (Sunday)	Landover, MD - D.C.M. ARC (W5YI VEC) Walk-In Contact: Freddie Battle NQ3G (202)546-9348 (Day) (301)773-2898 (Evening)
December 9 (Saturday)	Alexandria, VA - Mt. Vernon ARC (Laurel VEC) Walk-In Contact: Frank Mackey N4GUS (703)455-1510
	Cumberland, MD - Mountain ARC (Mount. ARC VEC) Walk-In Contact: Leo Patterson KQ8E (304)289-3576 Gay Rembold WBDFW (301)724-0674
	Davidsonville, MD - Anne Arundel Radio Club (Laurel VEC) Walk-In. Contact: Bob Israel WC3I (301)262-5083
December 16 (Saturday)	Smithsburg, MD - Mid-Atlantic DX & Rptr Assn. (ARRL VEC) Pre-Registration Requested Contact: J.M. Vaia WB8VBW (301)416-8447 Box 110

December 21 (Thursday)	Towson, MD - Baltimore ARC (ARRL VEC) Walk-In Contact: Bob Kennick WB3HNV (410)426-8255 Mailbox #3468
January 7 (Sunday)	Lanover, MD - D.C.M. ARC (ARRL VEC) Walk-In Contact: Freddie Battle NG3G (202)546-9348 (Day)(301)773-2898 (Evening)
	Ekins, WV (Mountain ARC VEC) Walk-In Contact: Walter Corley KF8SX (304)637-0506
January 13 (Saturday)	Alexandria, VA - Mt. Vernon ARC (Laurel VEC) Walk-In Contact: Frank Mackey N4GUS (703)455-1510
	Davidsonville, MD - Anne Arundel Radio Club (Laurel VEC) Walk-In Contact: Bob Israel WC3I (301)262-5083
	Baltimore, MD - Moose ARC (ARRL VEC) Walk-In Contact: (410)889-5214
January 20 (Saturday)	Laurel, MD - Laurel ARC (Laurel VEC) Pre-Registration Desirable, Limited Walk-In Contact: John Creel WB3GXW (301)572-5124 after 6
January 26 (Friday)	Stafford, VA - Stafford ARA (ARRL VEC) Walk-In/Pre-Registration requirements unknown Contact: Jim McCloud N4LZJ (540)786-8012
February 4 (Sunday)	Lanover, MD - D.C.M. ARC (W5YI VEC) Walk-In Contact: Freddie Battle NG3G (202)546-9348 (Day) (301)773-2898 (Evening)

Don't forget to bring your license when upgrading!!

February 10 (Saturday)	Alexandria, VA - Mt. Vernon ARC (Laurel VEC) Walk-In Contact: Frank Mackey N4GUS (703)455-1510
	Davidsonville, MD - Anne Arundel Radio Club (Laurel VEC) Walk-In Contact: Bob Israel WC3I (301)262-5083
	Cumberland, MD - Mountain ARC (Mount. ARC VEC) Walk-In Contact: Leo Patterson KQ8E (304)289-3576 Gay Rembold W3DFW (301)724-0674

February 17 (Saturday)	Laurel, MD - Laurel ARC (Laurel VEC) Pre-Registration Desirable, Limited Walk-In Contact: John Creel W3GXW (301)572-5124 after 6 PM
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March 3 (Sunday)	Landover, MD - D.C.M. ARC (ARRL VEC) Walk-In, Contact: Freddie Battle NG3G (202)546-9348 (Day) (301)773-2898 (Evening)
	Elkins, WV (Mountain ARC VEC) Walk-In Contact: Walter Corley KF8SX (304)637-0506

March 9 (Saturday)	Alexandria, VA - Mt. Vernon ARC (Laurel VEC) Walk-In Contact: Frank Mackey N4GUS (703)455-1510
	Baltimore, MD - Moose ARC (ARRL VEC) Walk-In Contact: (410)889-5214
	Davidsonville, MD - Anne Arundel Radio Club (Laurel VEC) Walk-In Contact: Bob Israel WC3I (301)262-5083

March 16 (Saturday)	Laurel, MD - Laurel ARC (Laurel VEC) Pre-Registration Desirable, Limited Walk-In Contact: John Creel WB3GXW (301)572-5124 after 6
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March 29 (Friday)	Stafford, VA - Stafford ARA (ARRL VEC) Walk-In/Pre-Reg. requirements unknown Contact: Jim McCloud N4LZJ (540)786-8012
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Volunteer Examiner Cooperative

EXAM FEES:

- * Check for appropriate exam fee. Fees and modes of payment for individual VECs and exam teams may vary.
- * ARRL VEC exams cost \$5.90
- * Laurel VEC exams are free
- * Mountain VEC exams are free
- * W5YI VEC exams cost \$5.90

BRING TO EXAM:

- * Picture identification
- * Completed FCC form 610 (most VE teams will supply at exam)
- * Original and a copy of current FCC amateur radio license
- * Originals and copies of all active certificates of successful completion of prior exams
- * Exam fee (check or cash depending on VE team)

"GRANDFATHER" CREDIT FOR ELEMENT 3B (GENERAL WRITTEN):

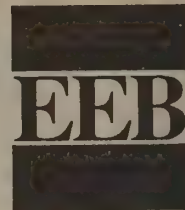
- * If you presently hold a Technician class license which was first issued prior to March 21, 1987, you may be grandfathered for Element 3B (General class written exam) by presenting the original and a copy of the license dated prior to March 21, 1987 to the VE team. It is your responsibility to prove that you are entitled to grandfathering. Do not lose your original license!

RULES FOR SUBMISSIONS TO THE FAR VOLUNTEER EXAMINER COOPERATIVE:

1. All submissions must be in writing
2. Date and day of week must be specified for each exam date
3. Point of contact and phone number must be specified
4. Sponsor and location must be specified
5. VEC must be specified
6. Exam dates up to 12 months in advance will be accepted
7. Deadline for submission is 25th of the 2nd month prior to publication date (e.g., Sept. 25 for November issue)



ELECTRONIC EQUIPMENT BANK
323 MILL STREET, N.E.
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703 • 938 • 3350



**Maryland-DC Virginia's Leading Radio Center:
Amateur, Shortwave and Commercial 2-way
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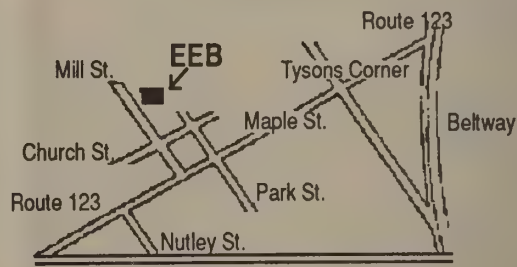
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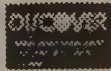
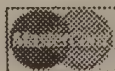
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Lowe, Drake, and much, much more.....
You name it, we got it!

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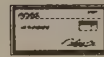
9am-5pm Monday thru Friday
(Open 9am-9pm Thursday)
10am-4pm Saturday



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We Ship: Federal Express - UPS - U.S. Mail

FROSTFEST '96

Winter Amateur Radio and Computer Show

SUNDAY, JANUARY 21, 1996

The Showplace, 3000 Mechanicsville Turnpike, Richmond, Virginia



Hours: 8:30 A.M.-3:30 P.M.

An ARRL Approved Event



Presented By The Richmond Amateur Telecommunications Society

GENERAL INFORMATION

DEADLINE FOR ALL RESERVED SPACES AND ADVANCE TICKET SALES IS DECEMBER 30, 1995. No space reservations or advance tickets after that date. Any unsold spaces will be available on the day of the show. All monies for advance tickets and reserved spaces must be received no later than January 7, 1996.

65,000 SQUARE FOOT BUILDING! Building available for set-up from 12:00 p.m. until 8:00 p.m. on Saturday, January 20th, and from 6 a.m. till 8 a.m. on the day of the show. No drive-in for unloading on Sunday morning. Drive-in for unloading will be available on Saturday only.

CENTRAL VIRGINIA'S LARGEST ELECTRONIC FLEA MARKET! Over 400 table spaces. 3,000 attendance. Commercial booth space prices include power. Corners count as two table areas. Flea market exhibitors needing power are required to pay a \$5.00 electrical fee (gives access to one 120V outlet).

FORUMS AND PRIZES! Various forums during the day. Hourly door prizes. Major prizes drawn at 3:00 p.m.

TALK-IN: Talk-in provided Sunday morning (until noon) on the Richmond 146.880 (-600) repeater.

TABLES AND TICKETS: Craig Spain, (804)526-9838 Mon.-Fri. 5 pm-10 pm

ALL OTHER INFORMATION: Frostfest Info Line, (804)739-2269 box FEST

REGISTRATION FORM

NAME _____ TELEPHONE _____

BUSINESS NAME or AMATEUR CALL SIGN _____

ADDRESS _____ CITY _____ STATE _____ ZIP _____

_____ COMMERCIAL BOOTH SPACES (8' by 10' each) @ \$35.00 EACH.....\$ _____
(Price includes admission, tables, and electrical power)

_____ GENERAL (NON-COMMERCIAL) FLEA MARKET TABLES (8') @ \$15.00 EACH (MAX. OF 10).....\$ _____
(Non-Commercial Exhibitors must also purchase General Admission Tickets)

_____ ELECTRICAL POWER FOR FLEA MARKET AREA @ \$5.00\$ _____
(Payment of one power fee covers all flea market tables for an exhibitor and includes access to one 120V outlet)

_____ ADMISSION TICKETS @ \$5.00 EACH.....\$ _____

ENCLOSE SELF-ADDRESSED STAMPED ENVELOPE IF ONLY ORDERING ADMISSION TICKETS
MAKE CHECKS PAYABLE TO RICHMOND FROSTFEST (POSTDATED CHECKS NOT ACCEPTED)

TOTAL: \$ _____

MAIL THIS FORM, WITH YOUR CHECK AND S.A.S.E., TO:
RICHMOND FROSTFEST, P.O. BOX 932, CHESTER, VA 23831

CUT-OFF FOR ADVANCE TICKETS AND RESERVATIONS IS DECEMBER 30, 1995



MARYLAND MOBILEERS AMATEUR RADIO CLUB, INC.



POST HOLIDAY SWAPFEST AND FLEAMARKET

SUNDAY, JANUARY 28, 1996

8 A.M. 'TIL 2 P.M.

(VENDOR SET-UP STARTS AT 6 A.M.)

**Odenton Vol. Fire Dept. - Hall
1425 Annapolis Road (Rt. 175)
Odenton, Maryland**

(Located on Route 175, 9 Miles East of I-95)

\$3.00 Donation at the Door

• INDOOR FLEA MARKET
(NO TAILGATING)

• FREE PARKING

• V.E.C. TESTING
(ADVANCED REGISTRATION REQUESTED)

• TALK-IN ON 146.205/805

• REFRESHMENTS AVAILABLE

FOR GENERAL INFORMATION / TABLE RESERVATIONS CONTACT:

Tom - KA3OMU at (410) 969-2639 (Evenings)

Or Mail A Donation Of \$7.00 (Covers Table And 1 Operator) Make Check Payable To:

M.M.A.R.C.

Attn: Tom Wilkison

592 EASON DRIVE

SEVERN, MARYLAND 21144

Deadline for Mail-In Reservations Is 1/9/96

FOR V.E. TESTING INFORMATION AND REGISTRATION CONTACT:

Jerry - NU3D at (410) 761-1423 (Anytime)

ANNOUNCING

THE 1996

B.A.R.C. "IT'S FREE" MINI-FEST

WEDNESDAY, JANUARY 24th
MARYLAND STATE FAIRGROUNDS EXHIBITION HALL
TIMONIUM, MARYLAND
ADMISSION IS FREE! • TABLES ARE FREE!
FOR THE ENJOYMENT OF THE AMATEUR COMMUNITY

SPONSORED BY:
THE BALTIMORE AMATEUR RADIO CLUB, INC.
DOORS OPEN AT 5 PM, RUNS 'TIL 10 PM

DON'T WAIT 'TIL SPRING
COME TO THE B.A.R.C. "IT'S FREE" MINI-FEST
OUR ANNUAL MID-WINTER INDOOR
AMATEUR RADIO AND ELECTRONIC
FLEA MARKET AT THE FAIRGROUNDS
THE BEST BARGAIN OF THE YEAR!

EVERYONE IS WELCOME
NO RESERVATIONS ARE NEEDED
FIRST COME, FIRST SERVED
BRING YOUR STUFF,
JUST SET UP A TABLE,
PUT IT AWAY WHEN YOU'RE DONE,
CLEAN UP YOUR TRASH
THAT'S ALL THERE IS TO IT!

FOR MORE INFORMATION: DON'T WRITE,
JUST DIAL : 410-HAM-FEST

BARC
APPROVED



TALK IN
146.67-
224.24-
449.625-
PL 107.2

ANNOUNCING THE 1996 GREATER BALTIMORE HAMBOREE AND COMPUTERFEST

HOST TO THE

ARRL MARYLAND STATE CONVENTION

SATURDAY, MARCH 30 AND SUNDAY, MARCH 31

TIMONIUM FAIR GROUNDS - TIMONIUM, MARYLAND

GIANT AMATEUR RADIO, COMPUTER AND
ELECTRONIC FLEA MARKET, SHOW AND SALE

FEATURING

ARRL Convention Program and Banquet

Giant Indoor and Outdoor Show and Sale Areas

Over One Half Million Square Feet of Sales Area

Three Buildings with Over 1,100 Indoor Spaces • Over 5 Acres Indoors

Amateur Radio Manufacturers, Dealers, and Ham Fleamarket

5 Acre Outdoor Hard Surface Tailgate Area • Premium Indoor Tailgate Area

F.C.C. Amateur Radio License Examinations • Over 19,000 Attended in '95

Many Show Special Bargains

Three Buildings • Acres of Parking • Great Food

Special Event Station Sponsored by ICOM

SHOW WILL BE HELD IN ANY WEATHER

Show Hours are: Saturday, 8 to 5 Sunday, 8 to 4 • Admission is \$5.00 Each Day

A Weekend Admission Ticket is just \$8.00, Advance Sale Only!

Sponsored by: The Baltimore Amateur Radio Club, Inc. • Post Office Box 95 • Timonium, MD 21094-0095

Dial 410-HAM-FEST for Voice or FAX-Back Information. Anytime!

Outside the State of Maryland, Dial 1-800-HAM-FEST (1-800-426-3378)



Antietam Radio Association

Meetings: First and Third Tuesday of the month at 8 p.m. in the Conference Room at the Washington County Regional Airport, Showalter Road, Hagerstown, Maryland.

Mailing Address: P.O. Box 52, Hagerstown, MD. 21741

Nets: Tuesday 7 p.m. 146.940 MHz.; Wednesday 7 p.m. 447.975 MHz.; Thursday 7 p.m. 147.090 MHz.

Repeaters: 147.09+ and 146.94 -.

Information: Donnie Sue Mulligan/
KB3AOO (301) 582-2984

Many Thanks from the Smithsburg Area of Churches Association to all the ARA hams that showed up for communications on the SACA CROP WALK in Smithsburg, MD. on October 15. Lew Danes/W3FZT drove his car around the route with Rev. Dean Mauk and the one that got all of us together.

Bob Binau/KC3DW and Charlie Anderson/NF3X were Net Control with a big help from Joe Rummel/NS3Q who relayed the messages that couldn't make it over the hills and through the woods to our net control. Carlo Belella/K3ABH was on duty to see his son, Larry/N3QBK and grandson, Lauren/N3RTJ make the 10k walk (we were PROUD, too). There were Jerry Metz/W3BRZ (monitoring from home), Jim Fisher/KD30, Gene Sigler/N3MZB, Charlie Mulligan/N3MVR, Donnie Sue/KB3AOO.

The BICYCLE MAN, Stan Klick/W3YGC rode around the route on his bicycle quite a few times letting us know who was first and last and when! It was an enjoyable day, and, if God be willing, I'll do it again next October.

We had an Airport Disaster Drill on Saturday, October 21 with Charlie Anderson/NF3X asking and getting enough volunteers from ARA for the

drill at the Washington County Regional Airport. It was a little windy, cool and had rained some, but you can't always pick the weather for these disasters, can you? There were Amanda Daywalt/N3TVD, Jim Dula/N3PMP, Charlie Mulligan, and Donnie Sue outside, looking at the planes that were down and the "victims" (they had make-up on that looked very real) being transported to the hospitals.

Charlie Anderson and Eric "Keith" Boppe/KA3PNH from the Red Cross were inside the terminal with their radios for communications. We had a short meeting with Carolyn Motz, Brandon Taksa, and others in the conference room before we went to Maugansville Fire Department to hear the critique of all participants and "victims". The Maugansville Fire Department had fantastic fried chicken and all the trimmings for all of us for lunch. Thanks to everyone, we had an interesting and educational day!

Another Perfect Picnic for the ARA on October 22 at Snook's Memorial Park in Halfway. I didn't go but I hear it was a wonderful day (I was baby-sitting). Don/KE3MM, Sally/N3MYZ, and Josh Cripe were visiting this area and were at the picnic.

The 71st Alsatia Club's Mummers' Parade was enjoyed by the estimated crowd of about 175,000 in Hagerstown on Saturday evening, October 28 and lasted about 3 1/2 hours. This is one of the ARA's big special events we cover with communications by radios. Thanks to all HAMs who participated.

VE tests were conducted Sunday, October 29 at the Athletic, Recreation, and Community Center (ARCC) at Hagerstown Junior College. Congratulations to all who took the tests, those that passed and/or upgraded. Al Boyer/N3NVT will be the new VE Coordinator replacing Bob Long/KD3JK. Thanks, Bob and Welcome, Al!

Have a Merry Christmas and a Happy New Year...

73, Donnie Sue/KB3AOO



Capital City Amateur Radio Society

Meetings: 3rd Saturday of each month at 1200 hours at the Woodridge Public Library, 18th and Rhode Island Ave, N.E., Washington, D.C. Visitors welcome.

Repeater: W3EIL 144.51/145.11 MHz, open.

Nets: Regular net Wednesday at 2000 hrs, RTTY net Thursdays 2100 hrs, voice portion 2145 hrs, ARES net Sundays 2000 hrs, all on 145.110.

Mailing Address: CCARS, 1719 Franklin St. N.E., Washington, D.C. 20018.

Information: Steve, W3ETX, (202) 526-1329 or Chester, W3EIL (202) 529-9598.

Congratulations are in order to the members of CCARS, who participated in the Multiple Sclerosis Marathon on September 24, 1995. Participants were, Tom, AA3MN; Ron, N3WU; Colin, N3UBJ; Willie, KE3SA; Reggie, AA3LR; Jim, AA3CD; Roberta, N3RD; Lyden, N3REH; Roy, AA3MA; Lennie, N3RPQ; Paul, KQ3X; Gerald, N3PYS; Sy, N3EPH; and Ernie, N4WJK.

Some of our members also worked during The Marine Corps Marathon on the 22nd of October, 1995. Keep up the good work ladies and gentlemen.

Kudos to Tom on his recent upgrade to Extra class. His new call is AA3MN.

Best wishes and a speedy recovery to Gerald, N3PYS; who has had three recent hospital stays and is currently recuperating at home. Give him a land line sometime.

Jackson L. Davis, KB3KI recently returned from his annual vacation on Cape Cod. A former merchant marine operator, Jack revisited several of his favorite, including the Marconi site at Welfleet, also the Coast Guard Station at Woods Hole and WCC, (a shore station at Chatham), WCC is currently being operated by RCA and

MCI. When asked how he enjoyed the New England surfing and water skiing, His reply was, "No Comment".

Daniel K. Bradford, W30XY, a Native Washingtonian and long time member of CCARS, became a Silent Key on Thursday, October 5, 1995. Throughout along career at the Library of Congress, until his retirement in 1985, Brad worked diligently to improve himself. He earned a Bachelor of Arts and a Master of Science degree.

Always shunning the spotlight, He was never happier than when doing something which, in some small way, might benefit others. He always sought to inspire and guide young people toward a wholesome and productive life. Officers and members of CCARS will affectionately remember W30XY "The quiet one, with the perpetual smile",

Services were concluded with Military Honors at Harmony Memorial Park. Honorary pallbearers were N3CUY; N3DTZ; N3ECI; W3EIL; W3ETX; WB3KIC; N3LBG; N3NQC; K3UAM; and N4WJK.

The 12th annual " Prayers For Peace " was again held at the Washington Monument. This event is held each year to coincide with the date of the arrival of Columbus in the new world. It attracted some three to five hundred people and took place in perfect weather.

CCARS was there to supply the electric generators and public address system (connection to any electrical outlet at the base of the monument is prohibited). The sound system was set up at the Sylvan Theatre for the closing activities. Thanks to Chester, W3EIL; Pete, N3CUY and Steve, W3ETX for supplying the cables, sound system and generators for the occasion. Our two meter HT'S played an important part in coordinating the activities.

Happy Holiday Season to all, see you down the log.

Roy AA3MA / Colin N3UBI



Carroll County Amateur Radio Emergency Team & Radio Club

Meetings: Second Monday (business) and last Wednesday (program), at 7:30 PM Carroll County EOC, Washington Road (Route 32) 1 mile north of Route 97, Westminster, MD. Talk-in 145.410-.

Nets: 8:30 PM daily CARET net 145.41. 8:00 PM 1st Wed. Mason Dixon Swap Net 145.41.

Repeaters: 145.41 MHz, 449.875 MHz, 53.090/52.090 MHz.

Mail: CCARC, Inc. P.O. Box 2099, Westminster, MD 21158.

BBS: K3ZPN, 145.03 and 446.075 MHz.

We practiced message handling during the Tuesday night nets every week this past month as well as during our Wednesday meeting in September. These practice sessions paid off, but we still made some mistakes during SET '95. On the vast majority of the messages originated, people forgot to put in the signature. (I think it would help if the ARRL message forms actually had a line called "signature. The information we need to put down is the signature, the station from whom the message was received, the date, and the time.

The Simulated Emergency Test (SET) '95 was held on a cold, rainy Saturday. It couldn't have been more realistic unless we actually had a hurricane. The boy scout camp shut down just as our team arrived to set up the evacuation center. We had to re-group and set up shop in the barn across from the EOC. We had no home-based HWLOC (Health & Welfare Local) stations so Larry/WX3F set up his HF station in the barn. This made the barn both our evacuation center and HWLOC station. That was a bit confusing because the guys forgot to generate evacuation center messages. Because they were busy handling the HWLOC messages pouring in from our other stations as well as those from the western region net.

Speaking of the western region net, our own N3SOK/Jerry was the net control for that net during the entire SET '95. He appointed an alternate net control so he could take breaks and move some traffic as well.

We had 13 people show up to practice with us at the EOC: N3HYJ/Bob as our net control (good job Bob!); N3SOK/Jerry as Western region net control; KA3YSH/Rita Krauth (our student who learned while doing and who later joined ARES); and Phil/KE3FL. At the evacuation center/HWLOC: WX3F/Larry, our HF operator; KA3RQQ Bob; and KG6TU/Dave. At the Hospital: N3JIA/Rich; N3MTR/Wayne; and N3LSB/David. (One problem here was our inability to get PACKET working between the hospital and the EOC) At the Airport: N3MYJ/Tony; N3UUW/Pat; and N3UHC/John. The EOC was represented by George Thomas, the American Red Cross by Marge Libertini, the airport administration by Ama Dowden, and the hospital by Wayne Jenkins.

A photographer from the "Mt. Airy Gazette" showed up and took pictures, one of which was used in an article in the following week's "Gazette." If you are interested in seeing the article, see me during the November meeting or give me a call and I'll send you a copy.

This year we had very good local newspaper coverage. It started with a news release I sent to a number of papers. It appeared up in the Mt. Airy papers and a Sykesville paper. If it appeared in others, I am unaware of it. I was also interviewed and it appeared in the "Mt. Airy Gazette." News about our SET '95 appeared in the "Gazette" the week after SET '95. So, for two or so weeks we had news in the local papers showing off what Amateur Radio Emergency Service is all about.

Next year I'd like wider coverage. If anyone can give me the names, addresses, and phone numbers of any other Carroll County newspapers, please do.

Continued next page

In November, we will be getting ready for November Sweepstakes and Christmas. The ARES/RACES group will be practicing message handling on the net at least one Tuesday a month every month from now on. Come join us and learn to be an emergency communicator.

The net needs more net control stations. Don't be afraid to give it a try. We have a script that you read and a form to fill out during the net. Both are available and will be delivered to you for the asking. Please ask!

Plans for SET '96: Next year I will appoint one of the assistant EC's to take over the organization of the SET. My plan is for every AEC to understand firsthand what it takes to run an emergency communications operation.

The following year, that AEC will help train another AEC. In this way, all of our AEC's will be knowledgeable and able to organize a response to a request for emergency communications. It is the responsibility of every ARES/RACES member to participate in at least one event a year. It is expected that AEC's will be at most events and at the SET every year.

While there is no monetary dues for joining ARES/RACES, you do pay with your time and energy while training to be ready for an emergency. I think a good quote from Rita/KA3YSH will illustrate my point, "I didn't realize that emergency communications was so involved." In other words, folks, if you don't come out and practice, you won't know how to do it!

So join us and learn how it's done so you'll be ready for the next emergency that comes our way. Remember, the next emergency is only time away. Will you be ready to help out when it arrives?

This month Phil/KE3FL has been able to get on PACKET. Messages can be sent to KE3FL @ K3PZN.

73 de KE3FL/Phil



Columbia Amateur Radio Association

Meeting: 4th Tuesday of the month at 7:30 p.m., at the Kiwanis Building at the Kiwanis/Wallace Park off of Rte. 144, Ellicott City.

Net: 147.135 repeater at 8:30 p.m. each Tuesday except for meeting nights.

Youth net: 147.135 repeater at 7:30 p.m. every Thursday.

Repeaters: 147.735/147.135 (cross-linked to 222.32/223.92); 147.990/147.390 (direct dial 911); 222.32/223.92 (cross-linked to 147.735/147.135); and 443.275/448.275.

Information: Bob Scarburgh, Pres - KC3EV, (410)465-2421.

Mailing: P.O. Box 911, Columbia, MD 21044

Our October meeting featured Bill Howard-WB3V, ARRL section manager for MD/DC section, who talked about packet radio. Bill is an experienced packet station operator and has been the sysop of his own packet mode and BBS. The candidates for office were announced at the meeting. Elections will be held at our November meeting. It is also membership renewal time, and forms were sent out with the CARA newsletter. The Hamfest was a success despite a slight drop in attendance. The weather cooperated beautifully and kudos to all CARA members who worked hard to pull it off.

73's, Jean Williams-KB3AOT



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Fauquier Amateur Radio Association

Meeting: 7:30 p.m., Second Tuesday of the month except July, August and December. Shadow Lawn Recreation Center, Warrenton VA. Next meeting, November 14, 1995.

Breakfast: Last Saturday of the month at Western Sizzlin Warrenton VA 7:30 - 9:00 a.m.

Net: Every Wednesday, 9:00 p.m, 147.165 Mhz NZ4N Repeater.

Packet: KE4YVU FARA7 node 145.070 Mhz with direct connect to FBBS9

FBBS9 Bulletin Board 145.090 Mhz,

FARA9 node 145.090 Mhz.

Repeater: NZ4N/R 147.165 Mhz (+0.600 Mhz)

Newsletter: TOROID, Monthly.

Information: Don, WY2V, (703)347-5745.

Next Meeting: Dec 9th. Holiday Party - location to be announced.

The October meeting of the club featured John Kanode N4MM, the Roanoke Division Director of the ARRL. John filled us in on his trip to Canada for the IARU conference. He passed on lots of great info about the status of ham radio licensing worldwide - including the International Permit which is being discussed and has a few signatures on it already. The permit would allow licensed operators to cross international borders without obtaining separate operating permissions. Apparently the treaty is signed by several countries but the mechanism for issuing licenses isn't in place. It was great to meet John and to hear about the international activities of the ARRL.

The November meeting for the club is still being planned as this is written. We do plan elections of club officers. Don is looking for a chairperson for the Christmas party, and for more volunteers for club offices - especially Activities Chairman. Also on the search list is an instructor for next year's licensing class. Finally, the

TOROID newsletter production is getting expensive. Between photocopying and mailing Woody expends many dollars as well as lots of effort. If anyone has inexpensive access to copying or printing services please call Woody, KC6NOT!

The following appeared in the TOROID, the FARA club newsletter: "WD4RPV, N3NVF, KB2CEV, KC4ASF and KD4MVG are proud to announce the formation of the Virginia Digital Emergency Network (VDEN). For some time now, the frequencies of 145.730 and 440.950 have been set aside for use during SKYWARN and ARES/RACES emergencies. To that extent, the National Weather Service in Sterling, VA has placed a packet station on 145.730 in order to retrieve weather information.

The Virginia EOC office in Richmond has also been working with us to ensure that a packet station is available on 145.730 during declared emergencies. To that end, we have formed VDEN to try to ensure that 145.730 remains a stable and reliable link between stations within the Commonwealth of Virginia during times of emergency.

Any Sysop or NodeOp who is interested in joining VDEN may receive the entire set of guidelines by packet or by e-mail on FidoNet or InterNet, by contacting: (Packet) WD4RPV @WD4RPV (Internet) sean.mcclanahan@f2001.n109.z1.fidonet.org (fidoNet) Sean McClanahan at 1:109/2001".

73, Mark, KD6AKC

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Green Mountain Repeater Association

Meetings: Board of Directors, Last Monday of each month.

Repeaters: KD3VR-146.61 (Cheverly), K3GXF-146.88 (Greenbelt).

Luncheon: First Saturday of each month at the Fountain Cafe, in the Laurel Shopping Center Mall, US Route 1 (Baltimore Ave.) and Cherry Lane. Starts at 11:30 AM.

Mailing: GMRA, P.O. Box 429, Riverdale, MD 20737

Information: Boyd Nelson - KZ3Z (301) 434-0934

GMRA held its monthly Board of Directors meeting on September 26, 1995 at the QTH of John, N5SJZ and Debbie, N5SKA. The operation and continuing maintenance of the two Repeaters along with the influx of new members was discussed. We would like to thank John and Debbie for their hospitality.

The regular monthly GMRA luncheon social at the Laurel Center Mall, took place on October 7th with approximately two dozen members and guests attending. This is a good spot to mention that membership dues time is here. We are hoping that all the members that were with us this past year, not only, will join us for 1996 but recruit one new member also. Donations to the Repeater maintenance fund will be greatly appreciated.

GMRA Board of Directors and Control Operators would like to thank everyone for friendly and courteous use of the Repeaters this past year. Thanks, also to Murray, K3BEQ for skillful and unique message programming he put on the repeaters. We hope that everyone will have a joyful Holiday Season and hope to see you at our luncheon socials.

73's from Ken Easton N3HLY



Historical Electronics Museum Amateur Radio Club

Meetings: Third Wednesday of each month, 5:30 PM, In the Historical Electronics Museum, West Nursery Road and Elkridge Landing Roads. Linthicum, Maryland (Next to BWI Marriott Hotel).

Net: Monday 8:00 PM, 146.67(-)/224.24(-) MHz (courtesy of BARC).

Information: Ernie Farkas K3CBW -- (410) 747-1377.

Mail: P.O. Box 746, Mail Stop 4015, Baltimore, MD 21090.

Street address: 1745 W. Nursery Rd., Linthicum, MD 21090

The October 18, 1995 meeting began with a discussion of membership. Treasurer Cam Marie', W3EPR, reported that there are a total of 33 paid up active members.

The cost of mailing notices has made it necessary to prune the mailing list of members that have not paid up for many months. It was made clear that they are still always welcome to attend meetings.

Mike Carr, WA1QAA, discussed the upcoming Simulated Emergency Test (SET) and encouraged all interested members to get involved, or at least become acquainted with this very important aspect of ham radio.

Mike also issued copies of the Errata and Supplement of June 1995 to the Public Service Communications Manual which includes the latest information on the SET.

Rol Anders, K3RA, reported that the Novice/Technician class is progressing very well. Arrangements were made for the class to see the club station in action on Saturdays.

VA testing for Novice and Technician are scheduled for respectively November 14 and December 15 thanks to Lois, KA3VVQ and Herman, WK3P Turner.

The procurement of the code class equipment reported last month will not be made. The equipment is no longer available.

Heru Walmsley, W3WVV, reviewed progress of the club amateur TV station. Thanks to the very generous support of the Baltimore Amateur Radio Club, a transmitter and linear amplifier is being ordered.

The mast head amplifier donated by BRATS is in place and an antenna has been installed and checked out (Good pictures received!). Heru has also had one of his cameras reworked and will loan it to the club for as long as necessary. The search is on for a power supply capable of supplying the linear.

The HEMARC VHF net was discussed and a draft proposal for a revised protocol was distributed. All members were encouraged to participate and comments on changing the protocol were solicited.

The Peter I Island Dxpedition video tape was shown and it was apparent to all why this call is rare indeed and likely to remain so. Few among us would be willing to endure this amount of danger, discomfort and expense to be on the other side of massive pileups. All DXer's should be grateful to this gang. (This tape is available from the ARRL.)

At the November 15, 1995 meeting, a list of proposed 1996 officers will be proposed and nominations of willing members will be accepted from the floor. The highlight of the meeting will be the Safety for Hams presentation by Heru Walmsley, W3WVV.

73's de Chip W4PBG



Laurel Amateur Radio Club

A Volunteer Examiner Coordinator

Meetings: 4th Wednesday of each month (except November & December) 7:30pm at 384 Main Street, Laurel Md.

Social: 2nd Wednesday of each month, except December (Call for directions).

Nets: 1st & 3rd & 5th Wednesdays, 8:30pm, on 147.225+, no tone.

Mail: P. O. Box 3039, Laurel, MD 20709-0039

Exams: 3rd Saturday of each month, to pre-register contact: John/WB3GXW (301) 572-5124 after 6 P.M.

Information: Jim/WI3N (301)725-6829 or Pud/W3DQI (301)498-6293.

Did we do it, or was it just a dream? The ARRL November Sweepstakes contest has been one of the highlight operating events for the Laurel club each year. It has given a number of new hams a good introduction to contesting, i.e. being fun and a challenge! Since at the time of this writing the Sweepstakes is still a month away I can only report that the club will be conducting operations from the West Laurel Recreation Facility, and that we're going for the "clean sweep",...to work all ARRL sections during the contest! We hope you join in the fun.

At our October club meeting, Heru Walmsley/W3WVV, curator of the Electronics Museum near BWI airport, gave a interesting presentation on ATV. At our next meeting in January (we don't meet in Nov and Dec), we plan to have Bob Bruninga/WA4APR give a talk about GPS (Global Positioning Systems) and demonstrate some software using GPS to locate packet stations. All are invited to come hear this presentation. Jim/WI3N, our President (and program chairman), has been doing an excellent job coming up with some great programs.

Continued next page

The Novice/Tech class which began in September will conclude on 20 Nov with a test session conducted by the Laurel VE team. Serving as instructors for the class have been Jim/WI3N, Pud/W3DQI, Russ/N3AUQ, Tom/W0ZX and Kevin/W3DAD.

The annual Laurel ARC holiday banquet will be held on 10 December at the Timbuktu restaurant on Dorsey Road. Call Pud/W3DQI at 301-498-6293 for reservations. There will be some special entertainment!

Have a great holiday season....

73 de Roger/N3MIJ



Loudoun Amateur Radio Group

Meetings: Third Saturday of each month; 8:00 a.m. Call for meeting place information.

Nets: Every Sunday evening at 8:00 p.m. on 28.360

Mailings: Loudoun Amateur Radio Group, P.O. Box 1004, Purcellville, VA 22132

Information: Gary Quinn, NC4S, (540)822-5690; or John Unger, W3GOI, (540)338-4620.

It has been a while since the Loudoun Amateur Radio Group has submitted a news item for Auto Call, but that doesn't mean that we have been idle all this time. We are still an active and growing club and the past few months have been especially interesting. Our next meeting location is somewhat uncertain at this time because our regular meeting place had a fire recently! Call for information on the next meeting if you're interested in attending.

The summer started off with a successful Field Day, our second year using an excellent site at Ida Lee Park in Leesburg. We decided to try the 3A category this year, mainly to make sure that all of our members had a chance to operate. We used

G5RV antennas exclusively for our HF stations and had good success with them, especially on the higher frequencies. The bottom line was that we made almost 300 more contacts and 1200 more points than last year. More importantly, all the club members who participated had a great time. Wait until next year!

LARG has decided to try its hand at launching a high-altitude balloon. This project has sparked a lot of interest among club members, and everyone seems to be able to find a role in preparing for or taking part in the balloon launch. Our first launch will be a modest attempt; we will use one 2-meter transmitter to send temperature and pressure data from a maximum altitude of 100,000 feet. The same radio will be used for ID and to act as a recovery beacon. We have been honing our fox hunting skills at some recent club meetings with instrument package recovery in mind. Our October club meeting took place at the National Weather Service in Sterling, where we were given a demonstration of how the experts launch and track their radiosondes.



The Maryland Apple Dumpling Radio Amateur Society, Inc.

Meetings: 2nd and 4th Thursdays - 7:00 P.M. NBC Building - WKYS Conference Room, 4001 Nebraska Avenue, Washington, DC.

Nets: 1st and 3rd Thursdays at 9:00 P.M. on 145.45 MHz (PL-5A).

Repeaters: 444.100/449.100 MHz (PL-2A), 145.45/144.85 MHz (PL-5A).

WWW Address: <http://mvhsl.mbhs.edu/~fwright/MADRAS.html>

Mailing: P. O. Box 2468, Wheaton, MD 20902

Information: Larry Ziecheck - N3GKZ (301) 984-6113, Jean Blacik N3PLC (301) 984-6113.

MADRAS's "1995-1996 Planning Session" meeting on October 6th was very successful. Over half of our membership attended and we were able

to come up with some excellent suggestions for speakers, tours, special events and programs for the coming year. We plan on doing more special building projects at the Clubhouse in Rockville, Maryland this next year.

Rob Whiteley-N3HQX and Dick Daniels-W4PUJ gave an excellent presentation to the club on October 26th. Their topic was "Amateur Satellites - Past, Present and Future". Dick showed an array of slides taken during the building of the Oscar 8 satellite, along with the background information on many of the key personnel working on the project.

Both Rob and Dick were generous with their time answering many of the questions asked about the satellites. We kept them later than usual and were reluctant to end the evening. Thanks again to you both for a most interesting and informative talk.

A big round of applause to several MADRAS members who have participated in Public Service events over the last couple of months. Paul-KQ3X, Lenny-N3RPQ, and Tom-AA3MN donated their time to the MS Challenge in DC. The event raised monies for MS and everyone agreed that no problems occurred during the day.

The Marine Marathon found Paul-KQ3X, Lenny-N3RPQ, Larry-N3GKZ, Bob-N3NNQ, Ernst-NQ3X and Michele-WK3X helping throughout the day of the race. All had different stations to man or were helping with the coordination.

Michele-WK3X was seen riding in a motorcycle filming the runners as they approached the finish line. What a great place to be, Michele. If you can manage to get that same job next year I'd like to sign on as your assistant.

Elections are over and the following members hold these offices for 1995-1996:

President	Larry Ziecheck - N3GKZ
Vice-President	Michele Cimbala - WK3X

Secretary	Jean Blacik - N3PLC
Treasurer	Scott Johnston - KD4EBL
Sargent-At-Arms	Tom Taylor - AA3MN
Parliamentarian	Arley Wright - WB9GPO

On December 14th, MADRAS will be the guests of Montgomery County RACES. This meeting will be held at the Council Office Building (COB) Auditorium, 100 Maryland Avenue, Rockville, Maryland. In addition to a tour of the RACES facilities, Ross-WA2WDT, will lead a panel discussion with Lyn-WA3RRK and Al-KN3U, on their recent experiences in providing disaster communications on the Virgin Island after hurricane Marilyn. Everyone is invited to attend what should be a most interesting panel discussion.

MADRAS members are still talking about coming in 18th for Field Day '95. All that hard work and long hours really paid off. Anyone interested in joining us for Field Day '96 can contact Jean-N3PLC or Larry-N3GKZ at the MADRAS Clubhouse. We are looking for serious operators who can handle CW and/or voice.

Mark December 28th on your calendar to attend the MADRAS Christmas dinner. The time and place will be announced in your December Bulletin. Looking forward to seeing many of you in attendance, if possible.

Merry Christmas.

73's Jean - N3PLC

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The Maryland Mobileers Amateur Radio Club

Meetings: First Friday of each month at the AA Co. EOC, Crownsville State Hospital grounds Crownsville, Md.

Repeaters: WA3PJQ - 146.805 & 449.125 both in Millersville, Md.

Social Breakfasts: 15 days (3 Saturdays) after club mtg, at Rick's Cafe in Odenton at 9 AM.

Mailing: MMARC, P.O. Box 935, Severn, Md. 21144

Nets: 2-Meter on 146.805 @20:30 local time every Monday, 10-Meter CW practice net @19:00 local time every Monday.

Information: H. John Kohl, KO4A, (President -elect) 410-757-8148. Bruce G. Colburn, Sr. AA3KR, (PIO) 410-437-1891.

The following positions will take effect at the January meeting: Director, Russ Slye, N3DDX; Treasurer, Harold Nichols, WB4OGP; Secretary, John Botluk, KD3SI; Vice President, Brian Fitzpatrick, N3QXW, (known as "almost-important Brian"); President, H. John Kohl, KO4A, (known as "soon-to-be-important John"). The positions are the results of the October meeting elections. Congratulations to the new officers. At this time the club would like to thank the current board of officers for their outstanding job this past year.

The December meeting will be our annual Christmas Party. The January meeting will feature Bob Marcus, W3EEF, with his renowned talk on lightning protection. Bob has given this talk in the past and we always learn something new. It is highly recommended. February will feature Jim McCoy, N3EI, and a discussion about our local ARES and RACES involvement and training. Almost-important Brian is the assigned Asst. Radio Officer for Anne Arundel County ARES and RACES, and our Treasurer-elect Harold is the county's volunteer technical coordinator.

Those nasty ole' RF interfering leaves will soon be out of the way and UHF & VHF signals will be traveling much farther. It's also probably a good time to look over those tree limbs and decide which ones will work best to hold up the loops and dipoles that will be a sure sign of spring. Happy Holidays and 73's.

Bruce, AA3KR



Metropolitan Communications Network Radio Club, Inc.

Meetings: Quarterly, the second Sunday of the month. Next meeting is scheduled for Sunday, December 10, 1995 at the home QTH of Bob Sporn, WA3GGO.

Repeater: N3AGB, 52.250 MHz in, 53.250 MHz out; Accessible on 147.36 MHz.

On the Air: Saturdays at 20:00 hours local time.

Mailing: Mary A. Milligan, KA1KWP, 6608 N. 18th St., Arlington, VA. 22205.

Information: Mary A. Milligan, KA1KWP (703) 533-0650

The fourth Quarterly meeting will be held, Sunday, December 10, 1995 at the QTH of Bob Sporn, WA3GGO at 14:00 hours. Election of officers will be held.

Do you have six meters ("the Magic Band") on your rig? Have you worked the band for anything other than DX contests? Did you know that there are weekly scheduled nets on six meters?

The Metropolitan Communications Network Radio Club, Inc. has a weekly FM net on Saturdays at 8:00 P.M. on the N3AGB repeater (52.250 MHz in 53.250 MHz out, no PL tone required) and weekly AM net on Sundays at 9:00 A.M. on 50.400 MHz. In addition, the group has a special Christmas net and a quarterly eyeball meeting at a member's home.

The Sunday morning AM net, known as the "Sunday morning Coffee Net" has a long and rich history in the Washington D.C. area. Formerly known as the "VHF Society Net", the "Rebel Net" and the "Yankee Net", the net brings together HAMS of diverse background and interest. Many operators are using vintage AM rigs such as the Heathkit Sixer to check in to this net. With the proper antenna, a low power AM signal easily reaches across metropolitan Washington, D.C.

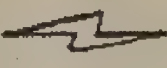
In addition to the FM and AM activity on six meters, the club had previously operated a weekly SSB net. If interest again rises, the club will reactivate the SSB net. Concern over TVI and other interference problems appears to be less now because of the many cable TV installations in the area.

Please join us on our nets and meet some nice friendly people ragchewing in a relaxed manner. HAMS form Technician class and higher are sure to learn more about our hobby and have some fun at the same time. FM NET SATURDAY AT 20:00 HOURS ON THE REPEATER New check-ins are always welcomed, even mobile stations like KA3PQS, David Weaver who checked in recently from Waldorf, MD. THE SUNDAY MORNING COFFEE NET (50.4 MHz) AT 09:00 HOURS The number of check-in varies but with the cooler weather we hope to have more people checking in.

73's Mary

Chapter X



Society 
of Wireless Pioneers

THE INTERNATIONAL ORGANIZATION
OF PROFESSIONAL RADIO TELEGRAPHERS

For Information Call
(703) 536-9537

**THE MID-ATLANTIC
DX & REPEATER ASSOCIATION**

The Mid-Atlantic DX and Repeater Association

Meetings: Second Thursday of each month, 7PM, rotating locations among Hagerstown MD, Frederick MD, Martinsburg WV and Greencastle PA. Next meeting is the Grand Holiday Party at Mountain Gate Restaurant in Thurmont MD - Date TBA.

Net: Tuesday evenings at 1930 local on 147.06.

On the Air: Tuesdays @ 1930 local on 147.06 RPT.

Repeaters: 147.345 (Martinsburg), 147.06, 224.20 & 448.125 (Frederick).

Mailing: 230 North Potomac St., Suite 2A, Hagerstown MD 21740

Information: Voice BBS 301-416-8447 (info Box 112) LandLine BBS (301) 416-8435

The fall season seems to be a busy one for MADRA. On the first weekend of October several MADRA members, with strong support from members of the Frederick, Loudoun and Opequon clubs, provided public service comm support for the Brunswick MD Annual Railroad Days festival. Emergency help for one unconscious victim of a fall and coordination of traffic among the parking lots were our most important contributions. We had a few special event contacts, but hope that a move to a better HF location will improve our score next year.

Later in the month we were pulling together volunteers for JOTA (Jamboree On The Air). This conflicted with the Simulated Emergency Test (SET) and we were not able to do both. MADRA members served in the SET at Frederick County's NCS in Frederick city and at City Hall in Brunswick. The 147.06 repeater was up for the entire SET running on emergency power. Cancellations by the candidates forced us to cancel our October VE session but we closed out the month with a team installing insulation at the

Frederick repeater site and resumed service on the Voice BBS.

As this is written at October's end, we try to do our best to foresee November so you'll have current info when you read the column in December. The dinner meeting at Watson's in Frederick on November 9 was scheduled to include a demo featuring the latest PC software to send and receive SSTV images. November's VE session was scheduled in Smithsburg for Saturday, November 18, with pre-registrations requested on the Voice BBS.

Other November events on the schedule included further upgrades to the emergency power capability at the Frederick site. If all went well, by the time you read this the 2M, 220 and 440 systems should be capable of running up to seven days at full power. This will give a strong boost to the capabilities of the ARES units using these repeaters.

Thanks to Tim, N3VNG, and Bob, N3TXB, November was also to see further upgrades to our BBS capabilities: Tim has donated a 386-based PC for installation there and Bob volunteered to upgrade and install improved software. Labor and equipment support by Jim, WA3FUJ, needs to be recognized, too. Thanks to you all.

WB8VBW, Mike, also has planned new antennas for 147.06, 224.20 and 448.125; increased antenna height for 147.345 and a Frederick city line added to the autopatch. Dee, N3VCF, has volunteered to become our club newsletter editor in December. With Dee's input, this column may start to look so good you won't even believe I wrote it.

73 DE N2CSQ/3



Reminder - all submissions for

AUTO E-MAIL

are due no later than the 1st of the month prior to the month of publication!!



Montgomery Amateur Radio Club

Meetings: 1st and 3rd Wednesdays of each month at 7:30 p.m., Executive Office Bldg, Montgomery Co. Govt Center, 101 Monroe St, Rockville. Park in underground lot G-2.

Repeaters: 146.955 (-600) & 442.750 (PL 156.7) in Rockville.

Club Net: 2nd 4th and 5th Wednesdays of each month at 7 p.m. on the MARC repeater and 7:30 p.m. on 28.450 MHz.

Mail: MARC, P.O. Box 611, Gaithersburg, MD 20884-0611

Information: Jeff - KZ3F (301) 258-0112

Training: Ms. Rocky Jones (301) 216-5210

THEY'RE SPREADING THE WORD ABOUT THE HOBBY

What do you do if you're an amateur radio club and one of the communities in your county has a citywide celebration? You celebrate along with everyone else and spread the news about ham radio, of course.

That's exactly what the Montgomery Amateur Radio Club did earlier this fall when the city of Gaithersburg celebrated Oldtown Day. Planning for the festivities began almost immediately after Field Day concluded.

"This is one of the great opportunities in the year for our club to spread the word about ham radio and about the club," explains MARC President Al Rabassa, NW2M.

"We begin teaching Novice/Tech classes not long after the Oldtown Day festivities conclude. We've found Oldtown Day in Gaithersburg to be an excellent way of letting folks interested in the hobby know about the classes."

"Setting up a special events station has some real benefits for the club as well as for the community," Rabassa says. "Club members came together to help run equipment and greet interested spectators.

There was plenty of equipment on hand — everything from HT's to a 40-meter station loaned for the day by Ken Nichols, KD3VK.

There was some rain, but for the most part, the weather cooperated. MARC members remained dry thanks to long-time club supporter Jeff of G and G Electronics who was kind enough to loan a large tent for the day.

According to Laura GALISZUSKI, N3VOL, who co-chaired MARC's Oldtown Day activities with Eric Reinhold, N3NFS, the club made 38 HF contacts.

One QSL card was delivered by hand before Oldtown Day festivities had even concluded.

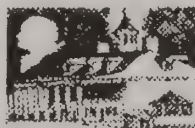
Plenty of club members showed up to set up, run, and take down the display. The exhibit entertained a constant stream of visitors, many of whom signed up for the MARC fall classes. FARFEST

If you visited this year's FAR Fest, chances are you received talk-in directions from one of the 18 MARC members who volunteered for talk-in. In addition to that group, MARC members were heavily involved in setup and cleanup.

PUBLIC SERVICE

Some 12 MARC members turned out on October 29 to assist with the Rockville 10K race according to Bob Lyons, NK3I, chair of the club's public service activities.

Nolan Crabb, AA3GO



Mount Vernon Amateur Radio Club

Meetings: Second Thursday of each month, 7:30 p.m. (except December) Mt. Vernon Governmental Center 2511 Parker's Lane, Alexandria, VA 22308.

Nets: Every Tuesday at 9:00 p.m. Starts on 2 meters then moves to 10 meters on 28.408.

Repeater: WD4PDP 146.055 input / 146.655 output.

Mailing: Mt. Vernon Amateur Radio Club (MVARC) c/o Joe Salemi KR4CZ, P.O. Box 7234, Alexandria, VA 22307.

Information: John KI4HK, (703) 780-2882 or Julie KD4WSZ, (703) 799-9466 or Packet 145.650 KD4LST-1.

During October, the Club's repeater on 146.655 malfunctioned several times when it would not shut down between transmissions and generated a series of double "beeps". Repeater committee persons Doug, WA3WEP and Frank, N4GUS suspect software glitches in the controller. For now, the problem seems to have disappeared, but the investigation continues and some thought has been given to shopping for a new controller. The item will be discussed at the next Club meeting.

Shades of Berryville! The 2000+ persons attending and supporting the Boy Scout Camporee at Camp Wilson/Pohick Park found themselves being washed out from heavy storms on October 14. Before the event had to be canceled on Saturday afternoon, over 100 Scouts were introduced to amateur radio at a station set up by several Club members. The five rig station included HF and two meter voice, packet and QRP CW operations. Many of the Scouts completed steps toward their Radio Merit Badge. Among those providing event communications or tech support were: Bill, KN4CNS; Bill, KE4BAE; Demi, AC4RH; Steve, WB4EEA; Frank, AA4ZS; Lonzo, KD4AJQ; Ian, KE4OIJ; Dick, WA4USB and Ray, KE4WSU.

Support to the Club's co-sponsored Explorer Scout Post 80 continued with setup and operations help during the Jamboree-On-The-Air on October 21. Post station KF4CNF demonstrated voice, CW and packet to over 100 members of the public at the site at the First Christian Church on King Street.

The Club lost a member to a move to Texas when Fred, KN4CNS moved to San Angelo to help with family matters. We'll look for him on packet after he gets set up.

Special thanks to Frank, N4GUS and all who helped during the Marine Corps Marathon. This year's event with over 17000 runners was supported with several packet networks, in addition to voice simplex and repeater operations.

The October meeting featured a very interesting program presented by John Underwood, K4EBS. John introduced the meeting attendees to radio direction finding and rabbit/fox hunting. His program included some basic theory on the topic along with examples and anecdotes occurring during some of the hunts staged by the Woodbridge Wireless club. Several MVARCers expressed interest in learning more about the subject and possibly staging at hunt of our own.

The MVARC MARS support team continues phone patch operations at NNN0NCG at the Coast Guard Site in Alexandria. The training and certification program had an unforeseen slowdown when Rick, WC4Q had to go south to help repair hurricane damage. The MARS station might be off the air temporarily in the near future while it is moved to a new location on the base and some repair work is performed on the log periodic antennas.

Over a dozen members attended the monthly breakfast at Denny's on the fourth Saturday. In addition to consuming plates of eggs and/or pancakes, attendees swapped tales, hints and news. Show and tell items included N4BV's new, improved (and more respectable) VHF antenna mount made from a corn chip can, instead of the

beer can model seen last month, and an Optoelectronics Interceptor Near Field receiver.

The Club will have a Christmas party at the Army Material Command building in Alexandria on December 2. Details at the November meeting and in the bulletin.

73 de Chuck, W3HSW



National Capitol DX Association

Meetings: Feb, Apr, Jun, Oct and Dec. at a member's home. Contact the Secretary (Rick Murphy, WA1SPT) for details.

On-the-air: Every Sunday at 8:30 PM on the 147.000 repeater. All are welcome!

Information: Jeff Strandberg-WV3B 301/5873396-and wv3b@cispubs.com, Rick Murphy-WA1SPT 703/280-2637 or Leo Boberschmidt-KA3TGY 301/946-3738. Feel free to contact us as well on the DX PacketCluster.

Kudos to Rick and Diane Murphy for the most pleasant venue they provided for October meeting, where Brian Bayus NIKCE passed the gavel to me (Jeff WV3B)-after a most gracious and exemplary year of service as NCDXA President (those size 13 shoes will be hard to fill - hi). Rick WA1SPT and Henry W3UJ graciously agreed to continue serving another year as Secretary and Treasurer, respectively, and Erinn Tordella N3HSA was elected Vice-President.

Paul KK4HD's initial overview of his new Windows-based logging program (a project he's been working on for over a year and hopes to market) will be continued at our Dec. 16th holiday get-together at Noelle and Paul KK4HD's QTH (time and directions to follow). Membership certificates were finally passed out to several new Members, including Ron Rubin N3KQY Erinn

N3HSA. Ronald McCall AA4EL, your membership certificate is ready — QRV? And our best wishes for a speedy recovery to Joe Scuito N4MQX after his unfortunate accident.

In addition to several others attending their second or third meeting as prospective new Members, Don Search W3AZD was commemorated for attending EVERY scheduled NCDXA since its inception, and outgoing president Brian NIKCE received a plaque of gratitude.

I would like to schedule an Islands on the Air presentation sometime during a 1996 meeting, and sure would like to hear from you IOTA mavens regarding a suitable speaker for this increasingly popular program sponsored by the Radio Society of Great Britain.

NCDXA invites all radio amateurs interested in DX to join us for our weekly "Meeting on the Air" Sunday evenings at 8:30 on 147.000(-). All are welcome to check in.

73 es CU in the pile-ups de Jeff WV3B



Prince George's Wireless Association

Meetings: First working Tuesday of each month, 7:30 PM; American Red Cross bldg., 6206 Belcrest Rd, Hyattsville, MD 20782

Club Station: K3CEZ

Mailing: 4109 Kennedy St., Hyattsville, MD 20781

Information: Frank Holton - WA3ZMW
(301) 927-1245

PGWA held its regular monthly meeting on Tuesday October 3, 1995 with Frank, WA3ZMW presiding. The business part of the meeting began at 7~45.P.M. Minutes of the previous meeting along with incoming announcements and correspondence were read along with officer reports.

We had three welcome visitors attend with John W. Adams working toward a new Amateur License, and Wally Bailey, N3IYC along with Oscar Ramsey, NV3G. Wally and Oscar were representing the New Carrollton Radio Club to inquire what type of activities PGWA participate in other than Red Cross Emergency Communications. Possibly they could join us in some events,

PGWA will be ready to operate on Saturday, October 21, 1995 in the annual ARRL Simulated Emergency Test (SET 95) which will take place in Maryland, Local operation is scheduled from 10:00 AM until 4:00 P.M. The National Weather Service, American Red Cross, Army, Navy and Air Force MARS along with ARES members and non-members are urged to participate.

Dues are now payable for 1996 and we would like to welcome new members to come and join us. PGWA would like to wish a joyful Holiday Season to All.

73s from Ken Easton N3HLY



Quarter Century Wireless Assn. Chapter #91

Meetings: Formal: Third Saturday of even-numbered months; 12:00 noon; Neighbor's Restaurant, Cedar Lane and Park Street, Vienna, VA. Ragchew/Informal: Third Saturday of odd-numbered months; 10:00 AM; Old Country Buffet, Fair City Mall, Fairfax.

Newsletter: Bi-monthly to all members.

Information: Dick Rucker (KM4ML), Secretary; 10426 Darby St., Fairfax, VA 22030-3603; 703-591-3279. Also on the VHF net.

VHF FM Net: Sunday 9 AM, 146.79MHz.

December Holiday Luncheon: The annual holiday luncheon, sponsored jointly by QCWA Chapter 91, SOWP Chapter 10, and QCWA

Chapter 23, will be December 2, 1995 at the DoubleTree Hotel (formerly Tyson's Ramada) at noon. Those who have been to one of these affairs will be back for the celebration, fellowship, good food, and fine ambiance. Also, that jolly old fat ham (call sign: SANTA) will be there and will distribute many ham-related and cash gifts as door prizes. All hams and friends of hamdom are invited. See the ticket reservation form in this issue. Do yourself a favor: be there. Do it!

October Meeting Highlights. Leland Smith (W5KL), President Emeritus of QCWA showed a pristine copy of the first edition of QST and read from it a few words written by Hiram Percy Maxim. Then he passed out a schematic diagram of a circuit used by a ham, Charles E. Apgar, to record broadcasts onto Edison wax cylinders during the early days of WWI. Apgar discovered encrypted messages from a German wireless station on the east coast of the US, broke the code, reported to the authorities, and the station soon was closed!

Leland distributed copies of "A Cartoonist's Idea of Wireless in the Days to Come," from *The Wireless Age*, September 1915. A few of these ideas came to pass many decades later. One was "Grandfather may be able to steer his motor-plow over on the other end of the farm from the front porch." Al (WB4JJJ) commented that his family farm in Florida is now plowed by machinery that uses differential GPS navigation for guidance.

Leland reported on the national scholarship fund and noted that for its size, QCWA probably sets a record for the scholarships it funds. (The November Auto-Call listed 55 scholarships (totaling \$43,000) administered by FAR; 15 of those were QCWA-named (totaling \$9,800)—not bad!)

Out with the Old, In with the New. Welcome to our newly elected officers for the coming year!

Tony Stalls (K4KYO), President
Frank Haynes (W4NUA), Vice President
Dick Rucker (KM4ML), Secretary

Al Wheeler (WB4JJJ), Treasurer

We welcome these new leaders. If their past participation is an accurate predictor of their future performance, we are in for a quantum jump in chapter activities!

The outgoing officers (Jim (K4JAP), Tony (K4KYO), Lew (W4SWP), and Carl (W4ACM)) were applauded for the work they have done to keep this chapter growing, lively, and fun. Special thanks also were given to Executive Committee members Jack (W4ZC), Ethel (K4LMB), and John (W4HU) for their outstanding and ongoing contributions.

National Convention. Jack (W4ZC), Leland (W5KL), Buddy (W4YE), Ethel (K4LMB), and Tony (K4KYO) reported on the recently concluded national QCWA convention in Manchester NH.

Finally . . . Jim (K4JAP) auctioned several old ARRL Manuals donated by Carl (W4ACM) and computer publications donated by Al (WB4JJJ); this brought in over \$55 for the club. The 50/50 drawing added another \$21 to the treasury.

Buddy (W4YE) entered a motion that our chapter donate \$200 to the QCWA Scholarship Fund. This passed unanimously.

ar 73 de Jim, K4JAP

DAVE PHILLIPS 703-361-5161
SHEEHY NISSAN MITSUBISHI
KE4TZ
MY QTH
9010 LIBERIA AVE. MANASSAS VA. 22110
(AT ROUTE 28 AND LIBERIA AVE.)





Shenandoah Valley Amateur Radio Club

Meetings: First and Third Friday of every month at 7:30 p.m. SVARC Club House 2921 Grace Street, Winchester, Virginia

Repeater: 146.22 In/ 146.82 Out

Net: Shenandoah Valley Emergency Net (SVEN) 7:15 daily on 146.22/146.82 Repeater

Mailing: P.O. Box 139 Winchester, 22604

President: Irv Barb KD4BHV (703) 955-1745

Info: George Ritter W4UGX (703) 662-0157



The Middle Atlantic FM and Repeater Council, Inc.

Meetings: Coordinating Committee (CC) normally meets the last Monday of each month, 19:30, in the OEP conference room of the Prince George's County Emergency Operations Center off Central Avenue. Talk-in on 146.76 or 147.54 simplex.

Address: P.O. Box 1022, Savage, Md. 20763-1022 for all correspondence.

Greetings once again from the Shenandoah Valley! The SVARC has been busy this fall. After the Battle of Cedar Creek Reenactment on October 27-28 things settled down a to a dull roar.

On Halloween, many of our club members participated in the Goblin Patrol. In cooperation with the Frederick County Sheriffs Department, club members patrolled Frederick County neighborhoods in order to keep trick or treaters safe as well as to discourage vandalism. The Goblin Patrol was originally started back in the sixties.

Work has continued on our new mountain-top repeater site. Many club members have pitched in to help and now we have a new road to show for it! Pretty soon we'll have the new tower and equipment operational.

Moving into December, the SVARC is among many clubs participating in the Santa Net. This year club members will be present at children's wards at the Winchester Medical Center and other area locations. Children will be able to speak with Santa Claus on the air locally on 147.30 (Bluemont) or 146.745 (Berkeley Springs). The SVARC Christmas party will be held on 15 December at the clubhouse. The party will start after a brief business meeting. That's all for now! Merry Christmas and Happy New Year!

73 de KE4QJT/Laura

The National Frequency Coordinator's Conference, which was hosted by the ARRL on October 7th at St. Louis was, in my opinion, quite a success. About 60 hams who are actual frequency coordinators attended, representing practically every frequency coordination entity from Minnesota to Florida and Maine to California. Quite a few digital coordinators were also present. The league was represented by President Rod Stafford, several people from headquarters, and six Division Directors including Hugh Turnbull of the Atlantic Division. The guest of honor was Ralph Haller, N4RH, of the Wireless Bureau of the F.C.C. TMARC was represented by our president Owen, K6LEW, our past president Larry, WA3KOK, and yours truly.

ARRL President Stafford welcomed us, and emphasized that the League does not want to get directly involved in the Amateur coordination process. They were there to serve as a host for the conference, and to offer whatever services the coordinators might want from the League.

Mr. Haller said that he doesn't believe the Amateur frequency coordination process is "broke", but after some 20+ years of very successful voluntary effort, perhaps there are some aspects of the process which could be improved. He suggested, and almost everyone agreed, that the most significant item which is missing in the F.C.C. Rules is formal recognition of the frequency coordination process. He also stated that he

believes that communication between the Commission and the coordination community could be improved by creating some form of "umbrella organization" for coordinators, to serve as a conduit between the two.

Many items were discussed, such as the possibility of instituting some form of repeater "licensing". Also discussed were some of the criteria which would need to be established for coordinators in order to obtain F.C.C. recognition. But the most important action taken was an agreement to ask the ARRL to serve the entire nationwide Amateur frequency coordination community as its "single point of contact", or its primary communications path with the F.C.C. A committee was elected to draft a formal proposal to be presented to the ARRL Board at their next meeting in January.

Five members from across the nation were elected to this committee, including our very own president Owen, K6LEW. This committee is in the process of drafting a proposal which is to be circulated among all of the nation's coordinators for approval.

Once this umbrella organization is created under the League's sponsorship, then the various performance standards for coordinators can be determined, such as coordinator certification, procedures for replacement of coordinators, response times, appeals procedures, etc. Finally, after the organization is established and working, then we can look at just what changes we might wish to see in the F.C.C. Rules, if any.

All in all, it was a great weekend. Owen, Larry and I had the chance to renew old acquaintances, meet many other coordinators and make new friends. There was a lot of camaraderie, and coordinators had the opportunity to compare their various coordination policies, procedures, problems (and a few solutions) and band plans. We all hope the eventual outcome from this conference will benefit not only repeater sponsors, but all repeater users as well.

With the Holiday season upon us, I hope everyone has a wonderful and safe holiday. I'll have a report on the outcome of the T-MARC annual meeting of November 5th in next month's column.

73, Gary, W3DTN, T-MARC PIO



Waldorf Repeater Support Group, Inc.

Meetings: Board of Directors, Monthly. Membership, Informally, as needed.

Repeater: 145.35 MHz

Information Recording: (301) 843-1420

Membership: P.O. Box 1774; White Plains, MD 20695.

FAR Trustees (& for Information): Chris O'Brien KA3TQD (301) 888-1100, Chip Fetrow N4QFW (703) 406-3130.

Nets: Potomac River Two-Meter Net, Thursdays at 8:00 pm. Maryland REACT, First Sunday of each month at 8:00 pm. Skywarn, as called up, has priority over all other traffic.

We are finding it difficult to keep the members informed about the repeater, and the improvements we are trying to make. You may always ask Chris (KA3TQD), Chip (N4QFW), Ron (KD4UUH) or Fee (N3KRA) any questions you might have on the air. We end up doing much of the repeater "business" on the air and we frequently give updates on the Potomac River Two-Meter Net, but yet many people seem to miss the information. In order to keep everyone informed, we are going to try to have an information article in each issue of *Autocall*.

Our listing in the ARRL Repeater Directory has been incorrect in one way or another, since we were first listed in the 1992-1993 issue. We assumed, incorrectly, that these were mostly unintentional, or at worst, well intentioned. It has

been brought to our attention that someone has been responsible for each "error" and that none have been accidental, and nearly all the changes were made by one person without consulting anyone else.

We brought the entire problem to the President of T-MARC, and in his letter to us he states he has chosen to do nothing about it. This is just reinforcement for those people who feel T-MARC is not fair, and worse.

We strongly support frequency coordination, and know it is necessary. However, it is extremely important that the coordinator be honest and always follow their rules and policies. The key is that the trust and confidence amateur community is absolutely necessary if frequency coordination is going to work.

Since we have no trust or confidence in T-MARC, we are planning on not renewing our membership. The T-MARC annual meeting is to take place on November 5, and will have taken place as you read this; we will update you in our next column.

Fee has finished the card frame for the voter, and we expected to get it installed and operating by now. However, for quite some time we have been looking for a better and larger rack for the repeater. It is amazing how packed the existing rack is.

Fee found a rack that originally sold for over \$2,000 with a blower assembly in the bottom that lists for over \$500. It has never been used, and Fee picked the whole thing up for \$200.

We are in the process of adding rack rails (the Mastr Pro must mount mid-rack), casters and locks so we may move it into the main site. We figured we would postpone installing the voter until the rack is ready. Why install the voter twice? We hope to have the rack and voter in place by the time you read this.

The Northwest Washington DC site is working very well. We are having a problem with the RF link from DC to the main site in Waldorf. It sounds like a trunking system base station is getting into the link. We are going to add cavities to the link receiver in an effort to solve the problem.

If this does not solve it, we will change the frequency of the link. We are also going to change the link so that the remote receiver comes up quicker. For now, it takes a second or two for it to reach full power.

If you wish to try out the Northwest Washington, DC site, encode a CTCSS tone of 67 Hertz. For now, this will force the DC remote into the repeater. It does not matter to the repeater which receive site gets the better signal, so consider where you are when switching sites.

When we are voting, a CTCSS tone of 156.7 Hertz may be needed to bring up the site. As always, you are better off encoding 156.7 Hertz at all times to have best use of the repeater.

We are working hard on getting the Short Hills Mountain (in Loudoun County, Virginia, two miles south of Harpers Ferry, West Virginia) remote receive site on the air. We would like to get it on the air before you receive this, but we are finding there are many problems that occur while trying to get these things on the air.

Each remote receiver is essentially another complete repeater. Each has to be built and maintained. If life, and the radio Gods, decides to be very kind, we may have the simulcast transmitter on line at one or both of the planned simulcast sites of Short Hills Mountain, and/or Winchester, Virginia.

We now have the following members:
WB2DEF DAVID MATTHEWS, KB3ARZ
ROBERT WHITE, AA3AV EUGENE
TEHANSKY, KA3DBG GREGORY
SHEPPARD, N3EAV DALE STARTZELL, NX3F
BOB DOCKERY, KA3GRW PAUL TACKISH,

WB3GNO RAYMOND DESKINS JR., N3HFO
CHARLES JOHNSON, W3HRZ DAVID
BRACK.

W3IAE JOE THOMASON, KE3ID DAVE
ABBOU, WB3IEZ JOHN JOHNSTON, N3IPN
STEVEN HEMPLING, K3JRR LARRY
HARRISON, N3KRA FEE H. LEE, N3MBG
GEORGE SPOONER SR., N3MPI STEPHAN
JONES.

N3MYI COLLEEN TEHANSKY, KE3NK
JIMMY BULL, N3OAD VICKY MORELAND,
N3OJD LARRY WOLKEN, N3ORK TRUEMAN
GIFFIN JR., KE3OW PATRECIA GEISTFELD,
N3PQW ELAINE BAILEY, N3PZI DEBORAH
HEMPLING.

N3QYP BOB DENNY, WV3R KENNETH
GEISTFELD, N3RUO HUBERT JOHNSON,
KE3SA WILLIE LAMB, N3SFY JAMES
GORMLEY, N3SJJ CORA WISNIEWSKI,
N3SJL GARY WISNIEWSKI, W3TAZ JOHN
DOLEZUCHOWICZ, N3TIE GARY GERTZ.

N3TKB CLIFFORD NIELSEN, KA3TQD
CHRIS O'BRIEN, N3TUM DALLAS SWAN III,
N3UBI COLLIN WISEMAN. N3UQH RONALD
RYDGREN, N3UQL JOSEPH PLUMMER,
N3USY CONSTANTINE SOFOLOGIS, NN3V
CHARLES RISTORCELLI.

WA3WQF JEFF BIXBY, KA3ZPE MORRIS
BROWN JR., KE4ALU DAVID ANDERSON,
KD4D MARK BAILEY, KD4DSX RICHARD
BIBY, KE4ER MICHAEL LARKIN, KE4ETZ
MARK MABARDY KE4JXH EMILY PETER.
KD4NNI JOHN GROUT, KC4OCG DANIEL
GROPPER, N4QFW CHIP FETROW.

KE4QMR MICHAEL HASTINGS, N4SCK
ROBERT LEWIS, KE4SKW VINCENT
MIKOLAINIS, KE4SKY CHARLES HARRIS,
KD4TAB JERRY PRYOR, KE4TKR DAVID
BURK, KD4UUH RONALD PETER, KM4YY
LEE MAIRS, KB5SLY SCOTT WORD, KB8NJD
DANIEL MITCHELL



**Woodbridge
Wireless,
Inc.**

Meetings: Second Tuesday of each month at
Springwoods and Chaucer, Lake Ridge, VA.
Net: Monday nights at 2000 on 147.24 with
224.78 link repeater on 147.24 MHz, 144.99
MHz simplex PL-100 repeater 444.90 MHz,
repeater 224.780 MHz, packet lan on 145.07.
Mailing: PO Box 112, Woodbridge, VA 22194
Information: Jim Stearns, KC4ZHQ (703)
670-3480.

WWI ELECTION OF NEW OFFICERS

Elections of club officers was held 10 October
1995. Congratulations to the following individuals
elected.

Members of "ALL" ARC Clubs should support
your elected officials. You voted them in and it
will require many hours of not only their time....but
time from their family and friends.

PRESIDENT:	Paul Bauer, N3DAN
VICE-PRESIDENT:	Jim Stearns, KC4ZHQ
SECRETARY:	John Kendra, N4LJS
TREASURE:	John Grout, KT4AD
ACTIVITIES:	Bob Tyson, KR4F
BOARD:	Stu Mitchel, WA0DYJ Dale Carlsen, WA2IKI Chris Edge, KQ4VN Phil Poole, WB4FQR
TRUSTEE:	
COMMITTEES	
COMM. VEHICLE:	Ed Pitts, KJ4VG
EDUCATION:	Jim Duffey, WD4AIR
EMERGENCY	Cliff Deel, KQ4FM
FAR	Jim Stearns, KC4ZHQ
FIELD DAY	Loyd Davis, K8EI
HISTORIAN	Loyd Davis, K8EI
HUMANITARIAN	Ann Thamm, KE4OIQ
MEMBERSHIP	Denis Catalano, WD4KXB
PACKET	Nick Tidd, K4EBY
PUBLIC RELATIONS	John Gray, AE4DB

RESEARCH	Jack O'Mara, K4HWG
TECHNICAL	Jim Tury, KA4CKI
WAYS & MEANS	Ben Myers, KE4FYB
WIRELOOSE	O. P. Ditch, KF4TE

JOTA A SUCCESS

On October 21st, the Woodbridge Wireless sponsored Scout Jamboree On The Air (JOTA) for the 4th year in a row. Twenty-eight scouts were treated to operating HF and VHF radios talking to both hams and other scouts locally and around the country. Radio merit badge classes were also given in the areas of radio propagation, safety and grounding, frequency allocation, and operating protocol. A few of the scouts and parents were also interested in the WWI class to be held in November, and hopefully a few will go on to get their ham licenses. We get an average of four young scouts to become hams each time we sponsor a JOTA. Won't you help out and participate in JOTA and other youth radio events when called upon in the future. This year, thanks go to Larry K0LB, Denis WD4KXB, Bob KR4KF, Mike N4QZL, Chris KQ4VN, Erv KC4BJE, Dale WA2IKI, Jim WD4AIR, and Mike KA4RRU.

EMERGENCY COMMITTEE CHANGE OF COMMAND

On October 10th Cliff Deel, KO4FM took over the Emergency committee from Denis Catalano, WD4KXB. Denis has held that committee position for the last 5 years, and wishes to thank all club members who have supported him during all the snow emergencies and other emergency events over the past five years. Cliff will be calling all Emergency committee members to verify information before publishing the new Emergency calling tree in time for the winter season.

ARRL NOVEMBER SWEEPSTAKES

At the October WWI meeting, a motion was passed to award a WWI T-shirt to all members who participated in the Sweepstakes (either phone or CW) and submit a score of more than 100 QSOs.

This is in addition to the pins, cups, certificates and plaques that the ARRL award, and also in addition to the certificates and plaques that Woodbridge Wireless award. So as you can see, this is the year to get on the air during Sweepstakes. In just a few hours you can earn a shirt, pin, and certificate. Rules for Sweepstakes appear on page 125 in the October 1995 QST.

The club competition awards a traveling plaque to the high scorer in each of the following categories: single op phone, multi-op phone, single op CW, and multi-op phone. The CW portion of the contest starts 4pm Saturday November 4th and ends 10pm Sunday November 5th. The phone portion of the contest are the same times on November 18 and 19th. Remember to note Woodbridge Wireless on your summary sheet before submitting to the ARRL, and please make a copy of the summary sheet to hand in to WB4NFS or WD4KXB at the next meeting.

Last year, WWI placed 19th in the nation in Sweepstakes. For more information, contact Jack, WB4NFS, or Denis WD4KXB.

WELCOME NEW MEMBERS

As the new membership committee chairman, I will publish a list of new members voted in each month. Once the roster is updated and distributed, the column in the Wireloose will help keep your roster up to date until the next roster is published. I plan on publishing the roster quarterly.

New members voted in at the 10 October meeting were: N4SR - Steve Rock. Steve is interested in DXing and runs the local DX Packet Cluster node. KA4UMW - Joe Kunda. You can catch Joe on the 2 Meter machine. Welcome!

RAFFLE FOR 25" COLOR TV (almost finished) KIT

At the November 14th WWI meeting, a special raffle will be held for a 25 inch color TV kit with wooden cabinet and all documentation. The kit is

over 90% complete but is experiencing some growing pains. If you win, all you have to do is pickup the TV at KE4CQ's home in Cannon Bluff and finish/fix the kit. The kit is almost complete, but George does not have the time to complete and trouble-shoot the finished product. So if you have the drive (pardon the pun), you can get your XYL a new 25" color for next to nothing. Thanks (we think) to George, KE4CQ, for donating the TV to the club.

CHASING DX - SOLAR CYCLE 23 WD4KXB, DENIS

Even as we approach the bottom of the SOLAR CYCLE 22, DX is still plentiful if you know where to listen. Lots of DX have moved to the low bands 40, 80, and 160M. But DX can also heard on 20, 15, and 10M. The forecast for the bottom is around June 1996. Conditions should be back up to current levels around April 1997. The peak in the solar cycle 23 should be about August 2000. Remember

when you could work the world with 5 watts on 10 meters. Well that time is coming again.

By the way, you may have heard that new sunspots have been observed by the National Radio Astronomy Observatory. While they may have observed sunspots from the new cycle 23, I wouldn't get too excited because that doesn't mean the minimum between cycles has occurred. There is an overlap period during which spot from both cycles can appear. I'm not the expert on this subject, but I believe this same situation occurred when I was first licensed. Although spot from a new cycle had appeared in September, the minimum between cycles didn't occur until a year later.

That's all for now. Remember two truths that I have learned as a DXer - "LISTEN", and "DX never sleeps". 73 & Gud DX, Denis

73s, WWI FAR Rep., Jim, KC4ZHQ

Ham of the month CRITERIA

The following guidelines are for nominations for FAR Ham Of The Month

QUALIFICATIONS: ANY licensed Amateur in the greater local area who has contributed significantly to the Amateur service or its image in the community.

REQUIRED INFORMATION: 1. Name, call and address of the nominee. 2. Description of the contributions which have been made by the nominee. 3. Name, call and phone number of person/s making the nomination.

FORMAT. Narrative form is preferred. We would like the finished article to be no less than 250 words and no more than 500. In some cases the FAR nominating committee may be in touch with the person who submits the nomination, for more information or for clarification.

AWARD PRESENTATION: Whenever possible, Ham of the Month awards will be presented by a FAR representative at a local club meeting of special activity.

There are over 70 clubs within the Foundation and there are hundreds of "special" people deserving of recognition. Send your nominations any time throughout the year. Selection of one candidate will be made in any given month and additional nominations may be held for consideration in a later month. Please send all nominations to the committee chairman Tony Young, WA3YLO - 12016 Long Ridge Lane, Bowie, MD 20715.

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Non-commercial advertising of Amateur associated equipment is available to subscribers of *Auto-Call* at the rate of 5 cents per word with a **\$2.00 minimum**. Commercial vendors and non-subscriber rate is 17 cents per word with a \$5.50 (1 inch) minimum. Special headings or special spacing (e.g. one item per line) may be used but such ads will be charged at the column inch rate.

Estate sales for Widows assistance handled by a FAR club will be published without cost.

Your full name and address must be provided with each ad but need not be published. No ads will be accepted over the telephone and all ads must be prepaid. Ads that will be running for longer than 1 month must be accompanied by a letter stating the length that the ad is to be run. Since no effort is made to investigate advertisers, no warranty can be implied. Send all commercial and non-commercial advertising and Shack Sales to:

John Queen, Auto-Call Editor
755 Woodland Way, Owings, MD 20736
(301) 855-0198

Copy **MUST** be received by the 1st day of the month prior to the month of publication.

FOR SALE: L7 linear amplifier w/Drake LPS power supply and Drake MN 2700 antenna tuner. All in new condition. Best offer. Edwin Speakman, W3AUR. Phone: (703) 780-3970. [1/96]

FOR SALE: Test equipment - transceivers - connectors - code typewriter - QST's - parts - two meter mobile - B&W SSTV - beams - wide band wire antennas - remote coax - switches - rotors. Lots more. SASE for list to: W3MSN, 5108 Boulder Dr. Oxon Hill, MD 20745. [12/95]

FOR SALE: Kenwood TS 520S, DG5, AT-200, MC-50, SP-520, YG-3395C, \$525.00. Kenwood TS-130 SE, MC-30S, SP-120, mobile bracket, \$425.00. Kenwood R2000 with VHF, has been modified, small damage to speaker grill, \$450.00. Bird 43 wattmeter with 5 and 50 watt elements 100 to 250 MHz, \$190.00. Motorola HT-600, charger, three batteries, accessories, \$175.00. MFJ-1702B two position antenna switch, \$14.00. MFJ-1701 six position antenna switch, \$25.00. Belden stranded unused RG58A/U 59 feet, \$10.00. Rotor cable, new 3 wire 55 feet, \$6.00. Heathkit Cantenna with oil, \$7.00. Radio Shack new outdoor 15-2164

FM antenna, \$7.00. Greg, KA3DBG, Rockville, (301) 946-6460. [12/95]

FOR SALE: 2 NEC PC-8201 Notebook computers. Improved version of Radio Shack M-100. 64Kb user memory, 32Kb ROM memory, 40x8 line LCD display. ROM applications: Basic, communications, text editor. Plastic cover, AC adapter, user, basic language, service & maintenance manuals. ROM word processor, thesaurus, spell checker on 1 unit. Cassette recorder and several applications program tapes. Nylon case w/room for 1 computer, HT, TNC, antenna and manuals. Great for portable packet stations, runs on 4-AA batteries or any 6 volt power for many hours \$200 for all, or will separate. ICOM IC-2iA 2-meter HT. Very small, shirt pocket radio. Manuals, BP-121 and BP-122 battery packs, wall charger \$220. ICOM BC-79 desk charger, including AD-2G battery adapter \$100. ICOM IC-2AT 2-meter HT, BP-4, 2 BP-3 battery packs, wall charger, 12 volt DC adapter, manual \$120. ICOM CM-30 desktop charger \$40. MFJ 204B antenna impedance meter \$40. Panasonic KX-P2123 color printer, manual, black & color cartridges \$125.

Hewlett Packard 7440A 8-pen plotter with 17440A graphics enhancement cartridge, AC power module, operating and programming manuals, 2 sets of pens. Supports full HP-GL language \$120. Woody, W3HII (301) 572-9690. [12/95]

FOR SALE: Kenwood 950 SDX \$2,900. Kenwood 850 SAT \$1275. Bob, W4JNN. (703) 560-7161. [12/95]

FOR SALE: Kenwood TS-850S with 3 filters \$1,250.00, Drake TR-7 with Power Supply & 2 filters \$575.00, Drake RV-7 VFO \$85.00, Drake CS-7 Coax Switch \$60.00, Palomar Engineers 1.8-54 Mhz Preamplifier \$50.00, Tri-Ex W-67 crank-up tower with electric motor winch 67 feet & rotor \$850.00, Titan Linear Amplifier model 425 \$1,900.00, Yeasu Transceiver FT-757 \$500.00, all items pick-up only. Call Willie, W1ZX between 8 to 10:30 pm at (301) 645-5584. [1/96]

FOR SALE: Icom AT-500 antenna tuner, mint condition in box \$380.00. Mosley tribander antenna, 32 foot Rohn tower & all hardware (already disassembled and marked for easy reassembly), Alliance dual speed rotor, all for \$350.00. MFJ-949B deluxe antenna tuner, \$25.00. Butternut HV5B vertical antenna (excellent HF antenna for areas with antenna restrictions), \$75.00. Hustler 2 meter vertical antenna (one element missing), \$10.00. John, KAØSEY, (301) 855-0198. [12/95]

FOR SALE: Commodore 64 computer monitor 1702, disk drive 1541, Star SG-10 dot matrix printer joysticks, Mitey Mo modem Cardco Card+G parallel interface, Geos flight simulator two, printing paper, extra printer ribbons, cheat sheets, disk storage cabinet with several disks and manuals. Package deal only \$150. Good computer desk with printer stand. Slight crack to right top side of desk \$90. If all above items sold together will sell at \$225. Gregory Sheppard, KA3DBG, 4402 Jupiter St. Rockville, MD (301) 946-6460.

WANTED: BC348 in good condition. Floyd Martin, W4RW, 17 Oak Lane, Sterling, VA 20165. (703) 430-2499. [11/95]



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[SWP]



Reminder - all submissions for

AUTO CALL

are due no later than the 1st of the month prior to the month of publication!!

NEW FROM CQ

CQ Communications plans a mid-December debut of a new magazine, CQ VHF. Veteran Publisher Dick Ross, K2MGA, says that CQ VHF will serve the specific needs and interests of hams whose operational and technical interests exist primarily in the world above 50 MHz.

To accomplish this goal, Ross has named Emmy Award winning producer Richard Moseson, NW2L as the Editor in Chief of CQ VHF. Moseson tells Newline there will be a mix of articles for the new ham as well as the more experienced operator.

"It's going to be a, hopefully well rounded, well balanced magazine with a combination of technical

articles, operating articles, beginners articles, construction projects and reviews, news, you name it. If it has to do with VHF or UHF or higher, it will be there." Moseson

For those of you not aware, Rich Moseson is no stranger to the world of ham radio publishing. After spending a good part of his adult career as a news and special affairs producer for the CBS television network, Rich quit the rigors of the New York corporate establishment to devote his talents to the world of Amateur Radio. He joined CQ publishing in 1992 and since then has produced an entire library of video presentations aimed at the new hams and hams to be. This year, he was the editor of the 50th anniversary commemorative issue of CQ magazine that many hams have dubbed to be a true collectors edition. With this kind of a background, you can bet that CQ VHF will be rather unique.

Survivor's Assistance Sale

The following items are from the estate of KE4PJ:

YAESU FT-101ZD - HF digital transceiver 160-10 meters, including WARC bands; all solid-state except driver and final amplifier. Includes optional FM board and 600Hz CW filter - excellent condition. **YAESU FV-101DM** - External VFO with digital memories; designed as a companion to the FT-101ZD and this combination makes an excellent and flexible HF rig. **YAESU SP-901P** - phone patch for the FT-101ZD. \$695.00.

ICOM IC-471H - 440MHz all-mode (CW, SSB, FM), 75-watt transceiver. Options include 110-volt AC power supply and digital voice synthesizer; excellent condition. \$595.00.

Satellite Antenna System - 1) Cushcraft A114-20T VHF twist antenna, 10 element 2- meter antenna, with vertical and horizontal elements. 2) Cushcraft 416-TB OSCAR Satellite Circular Polarization Boomer Antenna, 8 element 440MHz antenna. 3) this system includes a boom for these two antennas and an elevation rotator. \$125.00.

SSTV setup, including Robot 400 SSTV converter, RCA BW003 B&W video camera, and Panasonic 10" monochrome monitor. Complete system is \$125.00

All of the above equipment is in fine working condition and includes the original manuals. I would like to sell the first three items as a group, but will consider offers for separate pieces. All of this equipment can be seen at my home QTH in Hamilton, VA. For more information call John Unger, W3GOI - Phone (703)648-6790 - work or (540)338-4620 - home

Survivor's Assistance Program

The Foundation's Survivor's Assistance Program has been in operation for many years and has accomplished a great deal for the families of our Silent Keys. The program offers to help widows (and other family members) evaluate and dispose of radio equipment in an Amateur's estate. Listings of Estate Sales are carried in the Shack Sales of Auto-Call magazine free of charge, and major items may be offered for sale at local hamfests, etc. No fee or commission is charged the families.

One other option that should be considered is donating equipment to a club taking a tax write-off for the charitable contribution. The Survivor's Assistance Program can help you find a club that will make good use of the equipment. Some commercial operations are also willing to purchase the complete list of equipment and clear everything out at once. This may be the quickest solution in disposing of an estate.

Every ham is encouraged to maintain a list of his/her radio equipment, with realistic evaluations, and instructions on the disposition of any specific items you would like to have go to a special person or organization. Keep your family advised of your wishes.

For more information about the Survivor's Assistance Program contact any local Foundation member club or call Tony Young/WA3YLO at (301) 262-1917.

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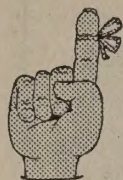
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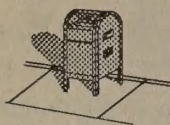
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Deadline: The deadline for ALL submissions to *Auto Call* is the 1st day of the month prior to the month of publication. When submitting via regular mail, time your mailing to ensure delivery by the 1st of the month.



Regular Mail: Mail typewritten or computer generated hard copy to: John Queen, Editor, Auto Call Magazine, 755 Woodland Way, Owings, MD 20736. Ensure that your printed material is dark enough for scanning.

Submitting Material to *Auto Call*

Submissions for *Auto Call* will be accepted in the following formats:



Electronically: Submissions are accepted in any of the following ways: Via the KA3RFE Annapolis Packet BBS at (410) 268-6817 or via packet on 145.69 or 147.57, E-mail message or upload file to KAØSEY. Or via any of the major on line services directly or over the Internet. Use the applicable format exactly as follows:

America On Line - JohnQueen

AppleLink - johnqueen@aol.com@internet#

BitNet - johnqueen@aol.com@cunyvm

CompuServe - INTERNET:johnqueen@aol.com

Connect - johnqueen@aol.com

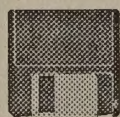
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FidoNet - To johnqueen@aol.com<CR><CR>

GEIE - johnqueen@aol.com@inet#

MCI Mail - mbx: johnqueen@aol.com

Prodigy - johnqueen@aol.com



Computer Disk: Submissions are accepted on 3.5" or 5.25" computer disk, in either Macintosh or MS-DOS format, using Word, WordPerfect, or standard ASCII text files. Write your name, telephone number, and club name on the disk. Submit graphic files (club logos, etc) in an EPS or TIFF format. Please verify the readability of your computer files before sending. If you want your computer disk returned immediately, include a SASE envelope with .32 postage. Otherwise, disks will be returned only in person at FAR meetings.

Preparing Material for Submission

Club Columns: Member clubs are allocated one full page in each issue for club columns. In determining space requirements, figure about 700 words per page not including the space taken up by headings, photos, etc. Indent paragraphs .25" and double space to begin a new paragraph. Send club header information ONLY when different from what was published from previous month.

Hamfests/Events: Member clubs are allocated one full page per year to promote one club sponsored hamfest, convention, or special event. Submit clean black & white camera ready copy only by mail. Master copy should be in black ink on white paper and should be in proper page ratio, (Copy space is 7" wide by 9" high). Copy can be reduced or enlarged as necessary. Electronic submissions of Hamfest ads will not be accepted.

Photographs: The editor will select the best photograph submitted for the cover each month. Photographs should depict club members, club stations, or amateur radio related events that are current and noteworthy. Clubs may also submit photographs for inclusion with their club column. Photographs will be used in columns when space permits. Either B&W or color photos can be used. For each photograph submitted, write your name, phone number, and club name, along with a description of the photograph on a piece of paper, and tape it on the back of the photograph. Do not write on the back of your photo. If you want your photos returned immediately, include a SASE envelope with sufficient postage. Otherwise, photos will be returned only in person at FAR meetings.



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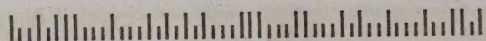
Area Club Meetings - December 1995

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
 HAPPY HOLIDAYS TO ALL!!					1 Mobileers Shenandoah	2 Green Mtn.
3	4 DOSARC	5 Antietam PG Wireless	6 Baltimore Montgomery	7 Anne Arundel	8 VOA Vienna So. Maryland	9 North Point
10 Metro Comm.	11 Carroll Co.	12 Frederick Woodbridge	13	14 MADRAS Mid-Atlantic Mt. Vernon	15 Shenandoah	16 Capital City
17	18 OVHA Sterling Park	19 Antietam Arlington	20 BARC Goddard HEMARC Montgomery	21 Anne Arundel	22 Central MD Vienna	23
24/ 31	25 CHRISTMAS	26 Columbia	27 Moose Carroll County	28 MADRAS St. Mary's	29	30



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